

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061800.D
 Acq On : 17 Nov 2024 21:41
 Operator : MD/SY
 Sample : P4829-04MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:10:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	172651	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38939	3.491	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.907	69	39560	4.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	19260	3.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.615	46	121381	51.265	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.540%
24) Chloroform-d	5.052	84	105701	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	51781	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	206612	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.679	67	63699	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	191268	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.171	79	21445	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	112176	56.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54740	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	66662	4.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40888	3.186	ug/L	99
3) Chloromethane	1.518	50	42071	3.614	ug/L	99
5) Vinyl chloride	1.602	62	48667	3.788	ug/L #	71
6) Bromomethane	1.849	94	35841	4.676	ug/L	98
8) Chloroethane	1.927	64	34101	3.827	ug/L	93
9) Trichlorofluoromethane	2.132	101	73455	3.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45823	4.104	ug/L	98
12) 1,1-Dichloroethene	2.573	96	41750	4.006	ug/L	99
13) Acetone	2.624	43	66303	44.447	ug/L	98
14) Carbon disulfide	2.785	76	105180	3.142	ug/L	99
15) Methyl Acetate	2.946	43	14899	3.998	ug/L	99
16) Methylene chloride	3.036	84	53035	4.415	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	119387	4.674	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	46794	4.093	ug/L	99
19) 1,1-Dichloroethane	3.859	63	94447	4.531	ug/L	98
21) 2-Butanone	4.695	43	117535	48.244	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	69258	5.372	ug/L	99
23) Bromochloromethane	4.965	128	26684	4.660	ug/L	98
25) Chloroform	5.078	83	107731	4.904	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111724\
 Data File : VU061800.D
 Acq On : 17 Nov 2024 21:41
 Operator : MD/SY
 Sample : P4829-04MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

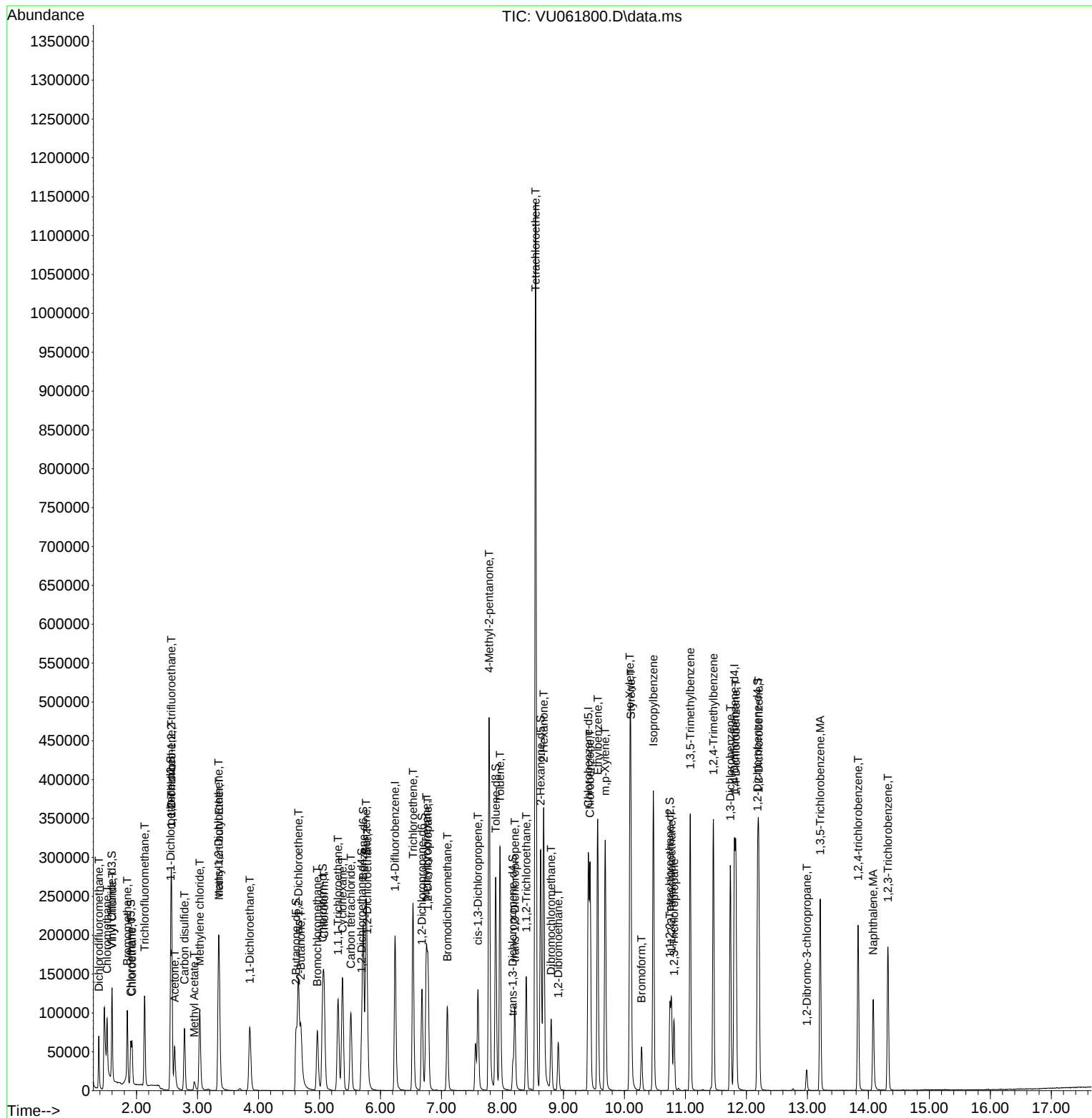
Quant Time: Nov 18 00:10:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:04:27 2024
 Response via : Initial Calibration

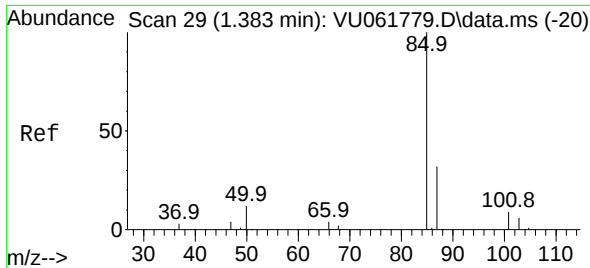
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	64787	4.700	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85316	4.476	ug/L	100
30) Cyclohexane	5.377	56	69837	3.668	ug/L	97
31) Carbon tetrachloride	5.515	117	69527	4.283	ug/L	100
33) Benzene	5.766	78	224342	4.426	ug/L	100
34) Trichloroethene	6.534	95	84260	6.156	ug/L	99
35) Methylcyclohexane	6.753	83	74824	3.625	ug/L	97
37) 1,2-Dichloropropane	6.779	63	59708	4.643	ug/L	99
38) Bromodichloromethane	7.097	83	72779	4.717	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	80782	4.414	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	303852	49.279	ug/L	99
42) Toluene	7.962	91	240241	4.402	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	63861	4.399	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	46638	4.975	ug/L	98
47) Tetrachloroethene	8.544	164	242497	23.578	ug/L	99
48) 2-Hexanone	8.676	43	225300	51.103	ug/L	99
49) Dibromochloromethane	8.798	129	46590	4.740	ug/L	97
50) 1,2-Dibromoethane	8.914	107	42884	4.850	ug/L	98
51) Chlorobenzene	9.438	112	159035	4.527	ug/L	99
52) Ethylbenzene	9.563	91	257308	4.426	ug/L	99
53) m,p-Xylene	9.685	106	97454	4.381	ug/L	96
54) o-Xylene	10.090	106	97626	4.515	ug/L	95
55) Styrene	10.106	104	157736	4.582	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	56661	4.967	ug/L	91
59) Bromoform	10.280	173	24733	4.591	ug/L	97
60) Isopropylbenzene	10.476	105	258585	4.581	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	39275	5.122	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	196017	4.337	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	198777	4.518	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	120789	4.666	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	122560	4.662	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	114888	4.772	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7045	5.262	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	78975	4.369	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	64885	4.632	ug/L	99
71) Naphthalene	14.081	128	104708	5.206	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	59542	5.063	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_U
ClientSampleId :

Instrument :
MSVOA_U
ClientSampleId :

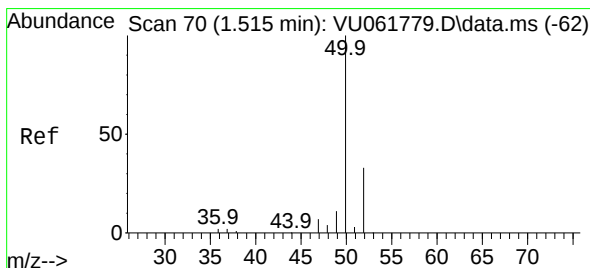
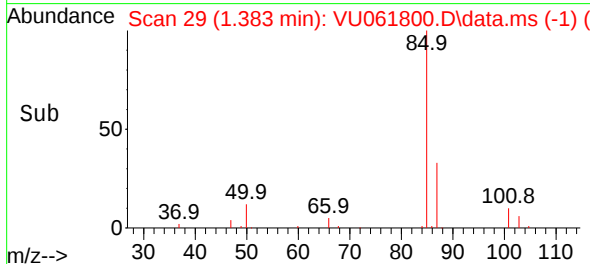
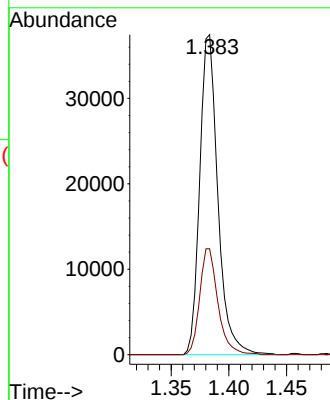
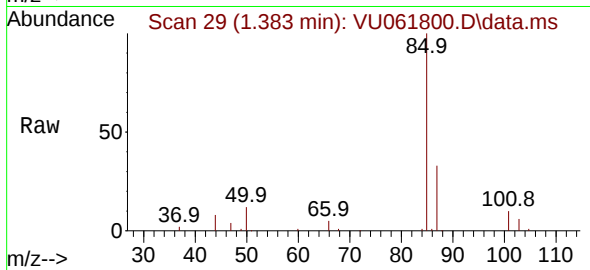




#2
Dichlorodifluoromethane
Concen: 3.186 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

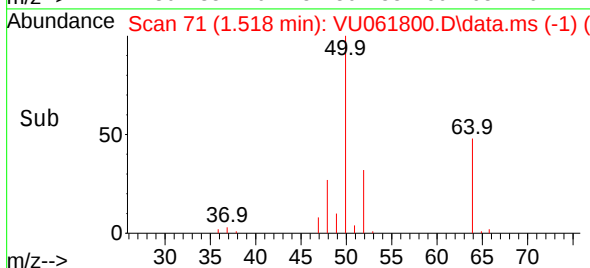
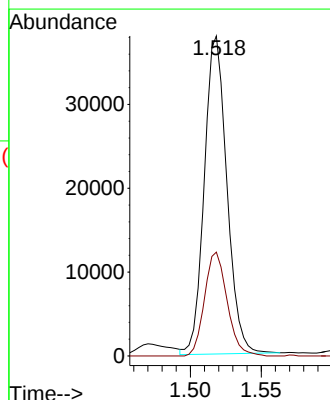
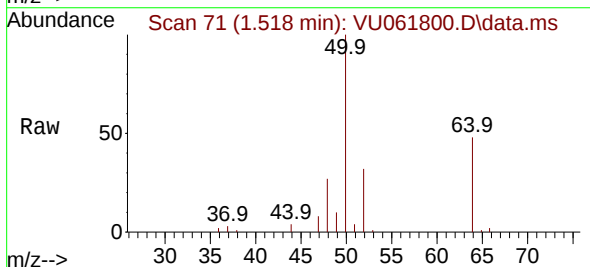
Instrument :
MSVOA_U
ClientSampleId :

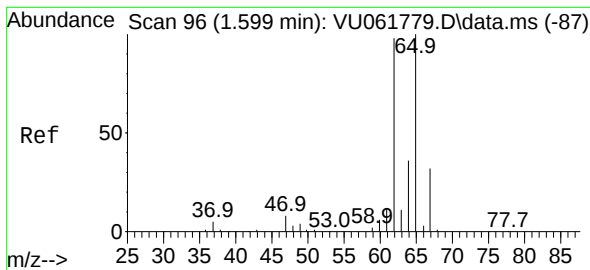
Tgt Ion: 85 Resp: 40888
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0



#3
Chloromethane
Concen: 3.614 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 50 Resp: 42071
Ion Ratio Lower Upper
50 100
52 32.4 23.2 43.2





#5

Vinyl chloride

Concen: 3.788 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

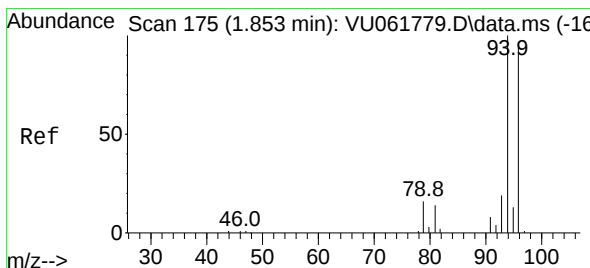
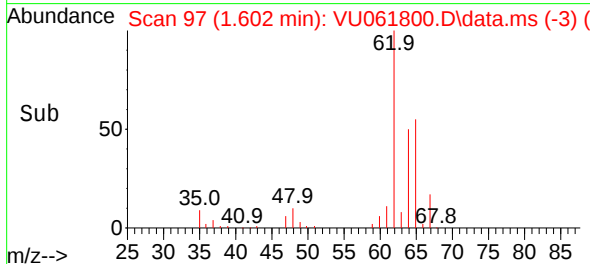
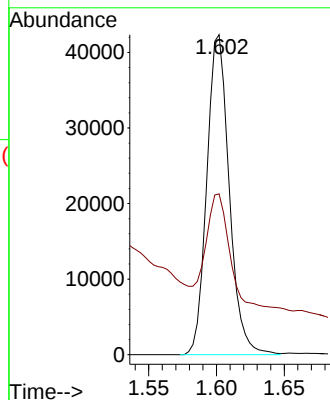
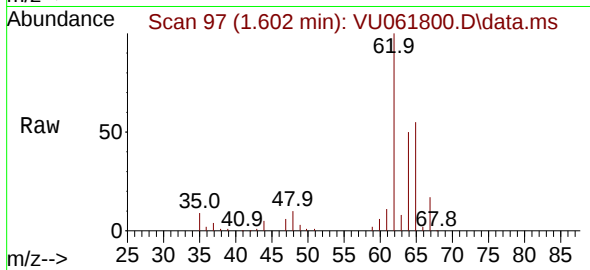
ClientSampleId :

Tgt Ion: 62 Resp: 48667

Ion Ratio Lower Upper

62 100

64 50.2 23.7 44.1#



#6

Bromomethane

Concen: 4.676 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU061800.D

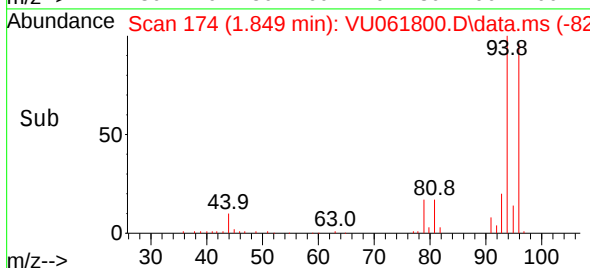
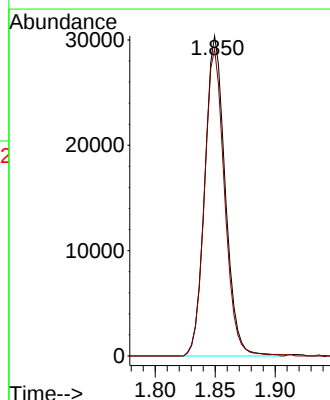
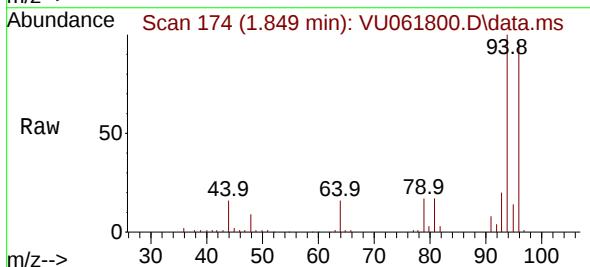
Acq: 17 Nov 2024 21:41

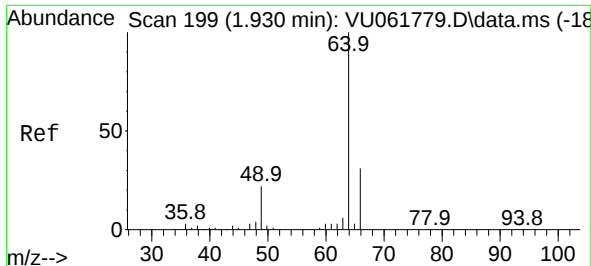
Tgt Ion: 94 Resp: 35841

Ion Ratio Lower Upper

94 100

96 95.9 65.7 121.9

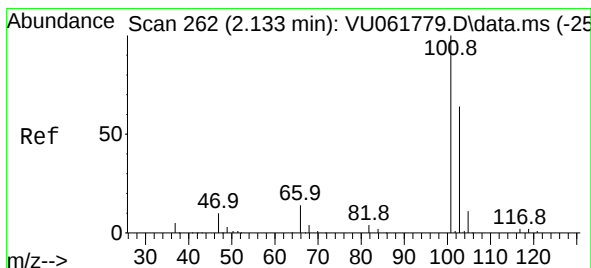
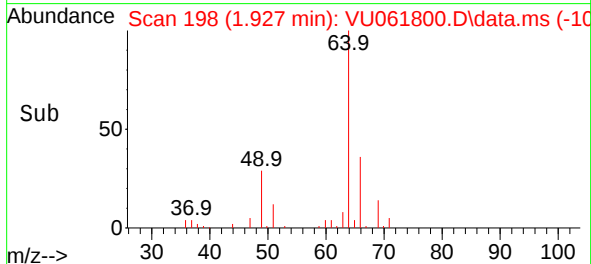
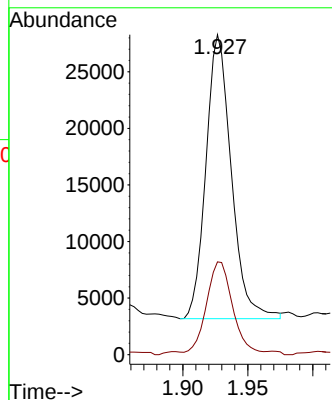
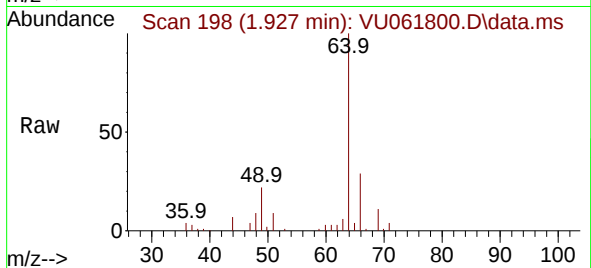




#8
Chloroethane
Concen: 3.827 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

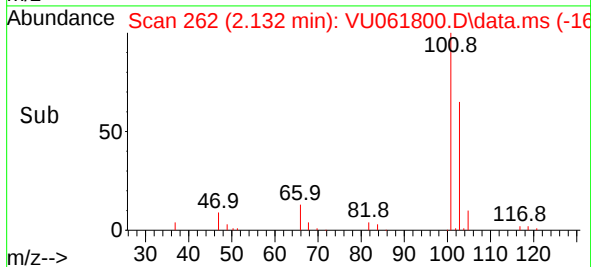
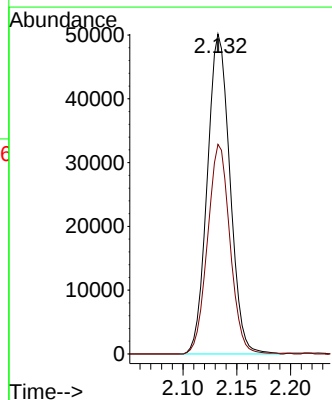
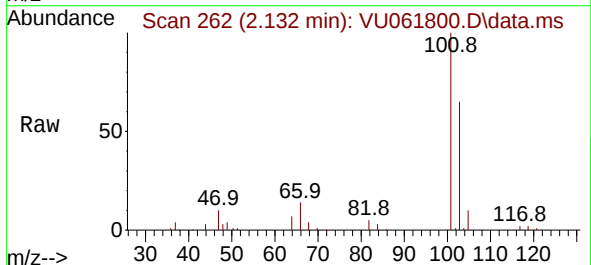
Instrument :
MSVOA_U
ClientSampleId :

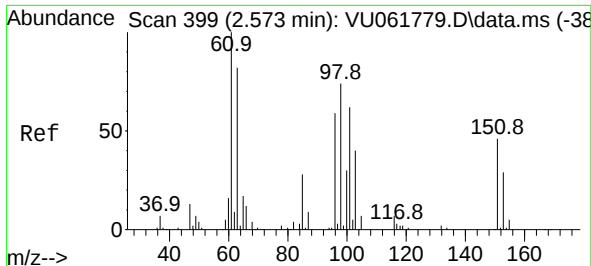
Tgt Ion: 64 Resp: 34101
Ion Ratio Lower Upper
64 100
66 29.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 3.889 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:101 Resp: 73455
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.2

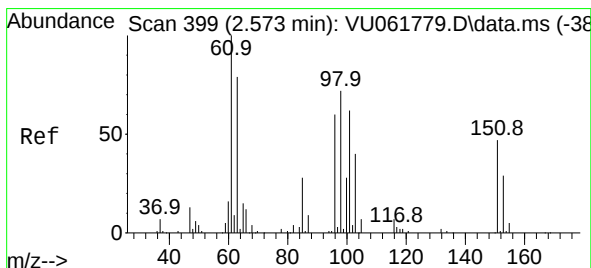
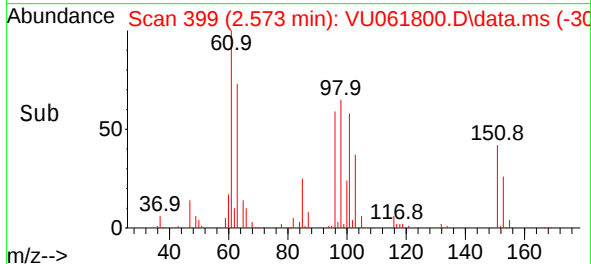
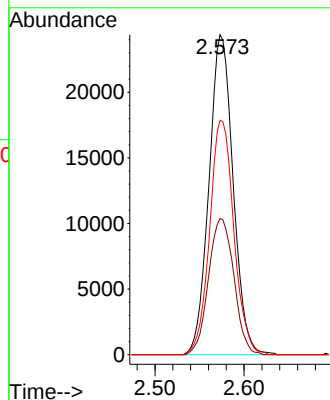
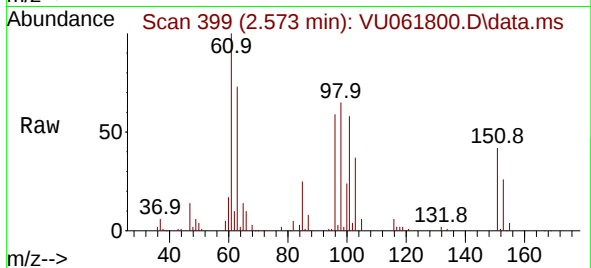




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.104 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

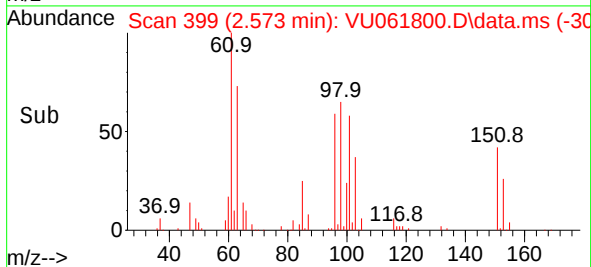
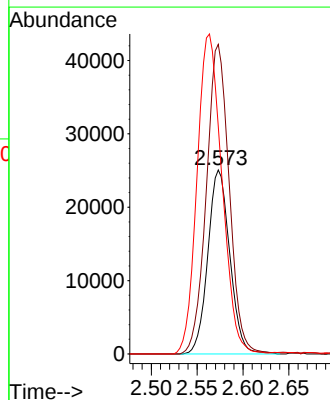
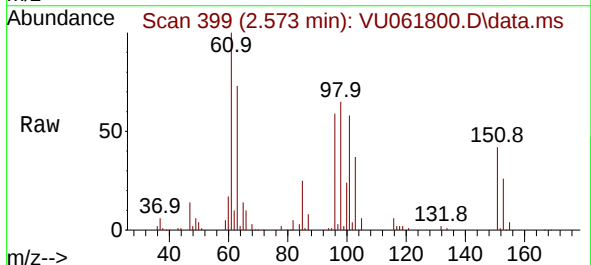
Instrument :
 MSVOA_U
 ClientSampleId :

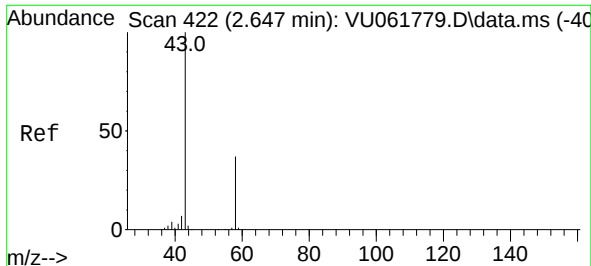
Tgt Ion:101 Resp: 45823
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.1 52.7
 151 73.5 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 4.006 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

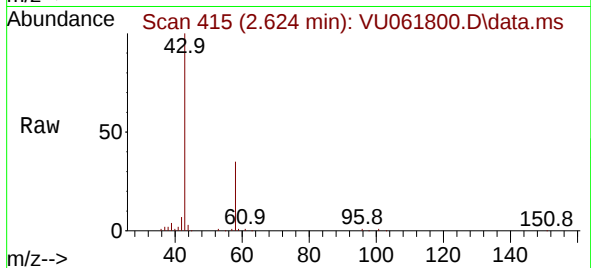
Tgt Ion: 96 Resp: 41750
 Ion Ratio Lower Upper
 96 100
 61 168.2 116.8 217.0
 63 123.6 86.1 159.9



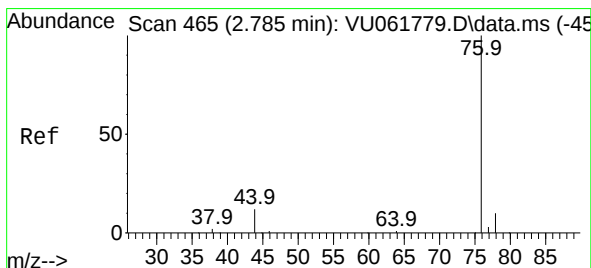
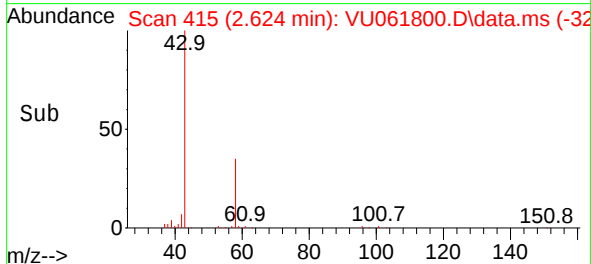
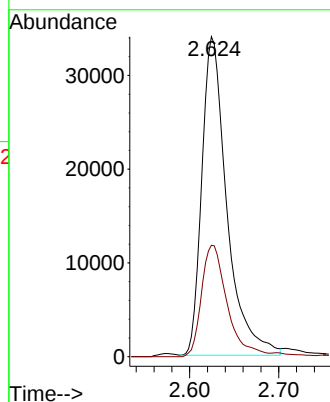


#13
Acetone
Concen: 44.447 ug/L
RT: 2.624 min Scan# 415
Delta R.T. -0.023 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Instrument :
MSVOA_U
ClientSampleId :

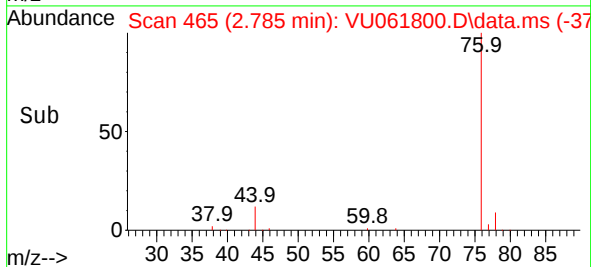
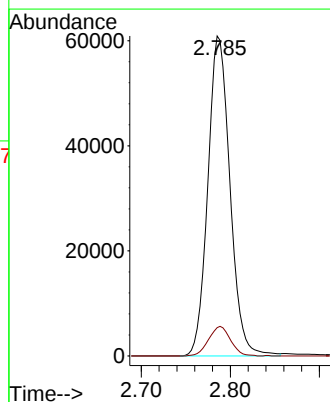
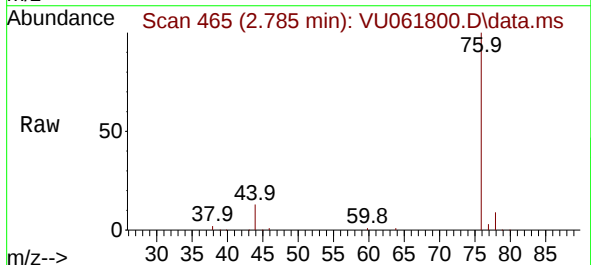


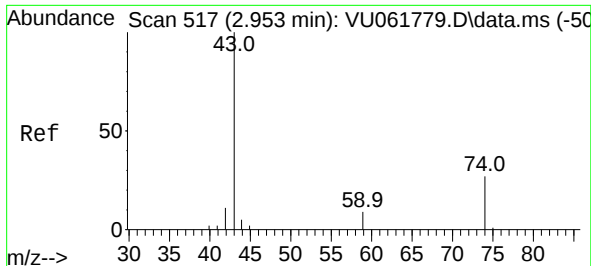
Tgt Ion: 43 Resp: 66303
Ion Ratio Lower Upper
43 100
58 35.8 0.0 69.8



#14
Carbon disulfide
Concen: 3.142 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 76 Resp: 105180
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 3.998 ug/L

RT: 2.946 min Scan# 517

Delta R.T. -0.007 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

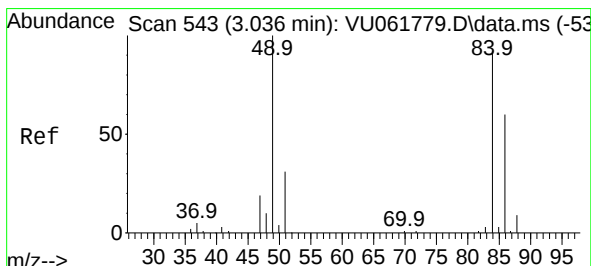
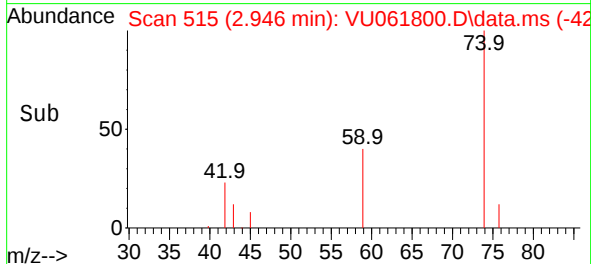
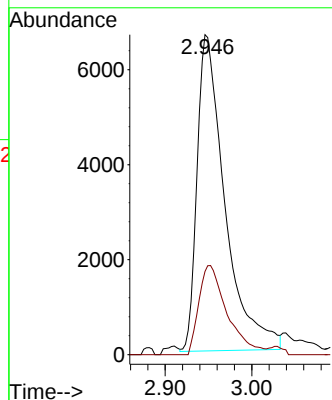
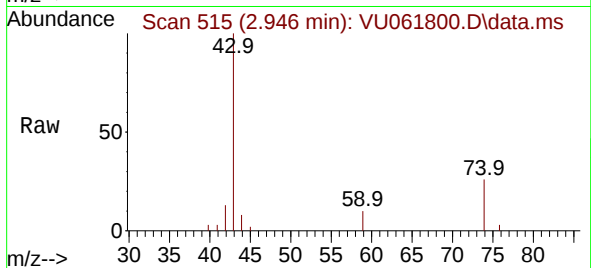
ClientSampleId :

Tgt Ion: 43 Resp: 14899

Ion Ratio Lower Upper

43 100

74 28.7 22.5 33.7



#16

Methylene chloride

Concen: 4.415 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

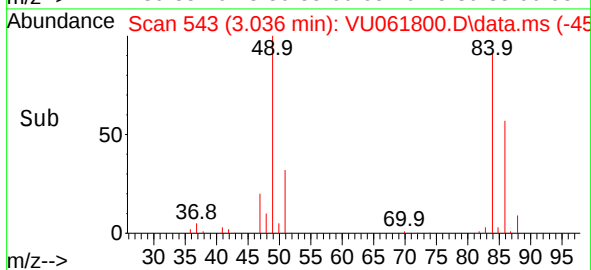
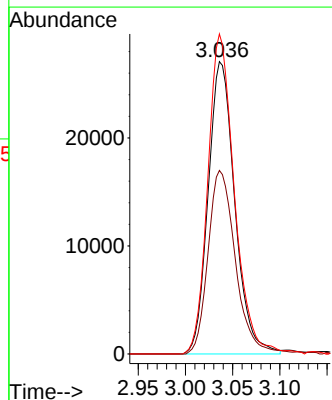
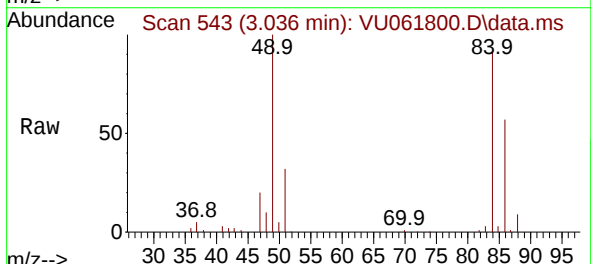
Tgt Ion: 84 Resp: 53035

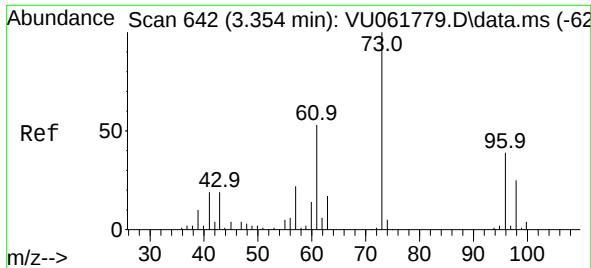
Ion Ratio Lower Upper

84 100

86 62.8 45.1 83.7

49 109.5 76.3 141.7

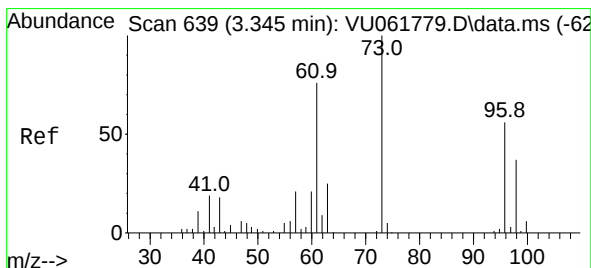
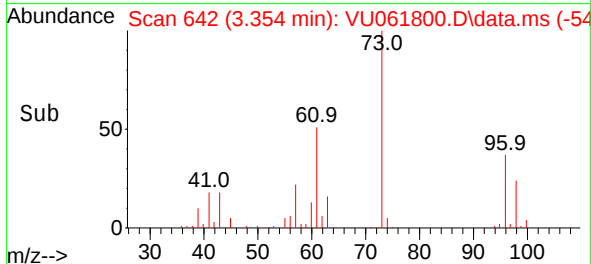
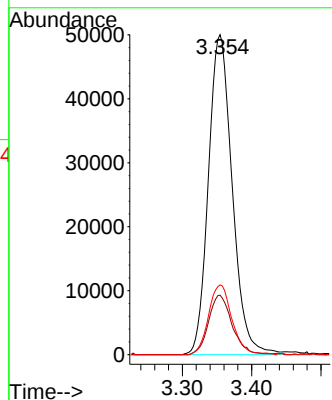
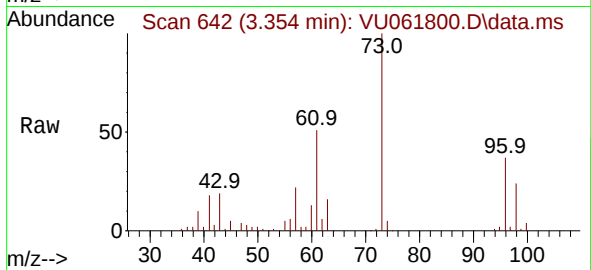




#17
Methyl tert-butyl Ether
Concen: 4.674 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

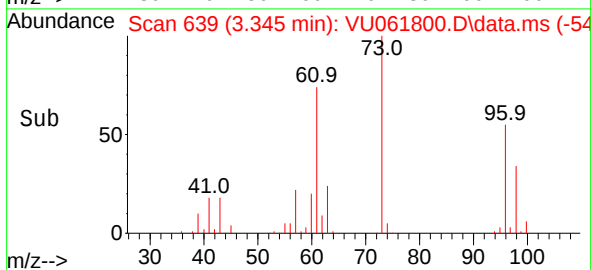
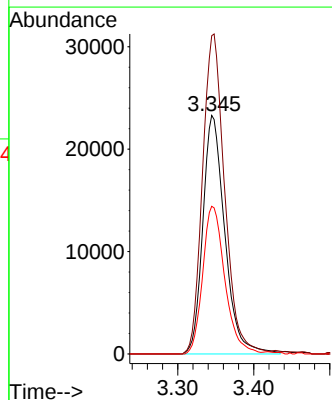
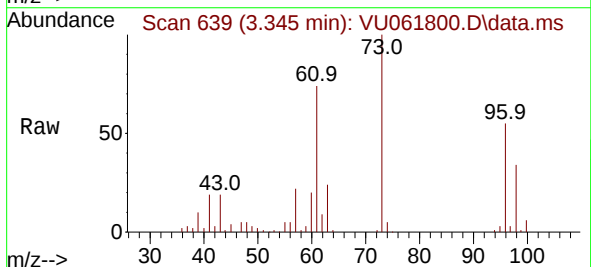
Instrument :
MSVOA_U
ClientSampleId :

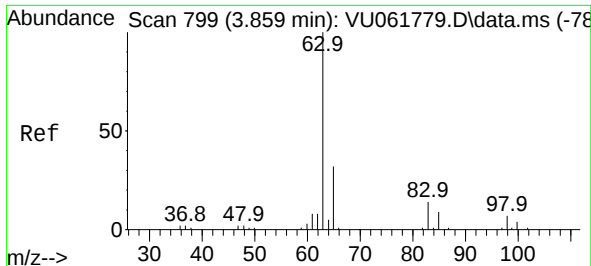
Tgt Ion: 73 Resp: 119387
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4
57 21.3 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.093 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

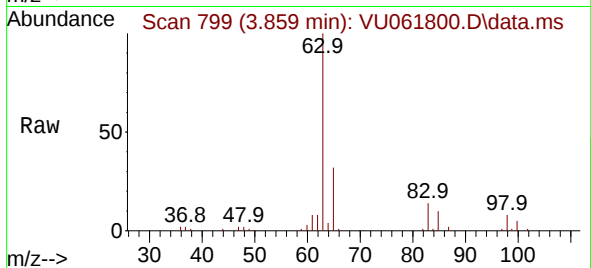
Tgt Ion: 96 Resp: 46794
Ion Ratio Lower Upper
96 100
61 133.4 94.1 174.8
98 61.9 43.2 80.2



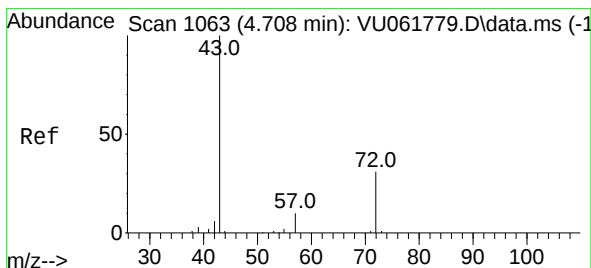
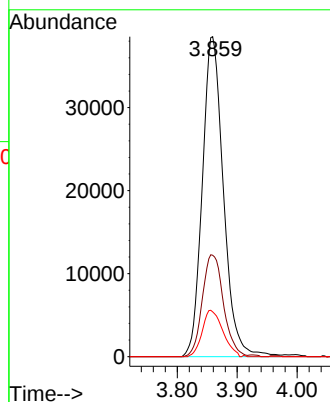
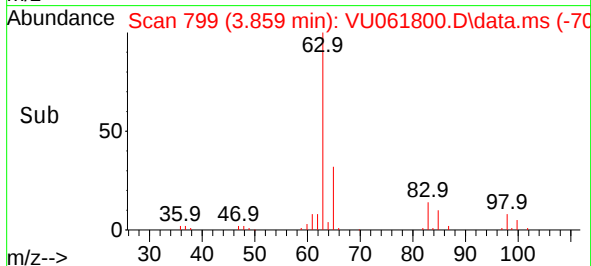


#19
1,1-Dichloroethane
Concen: 4.531 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Instrument :
MSVOA_U
ClientSampleId :

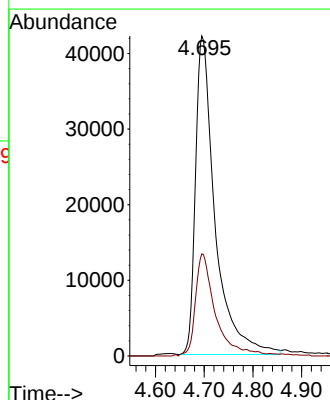
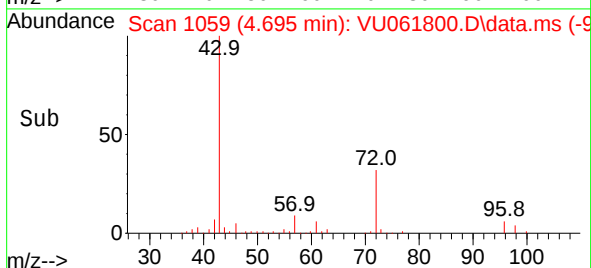
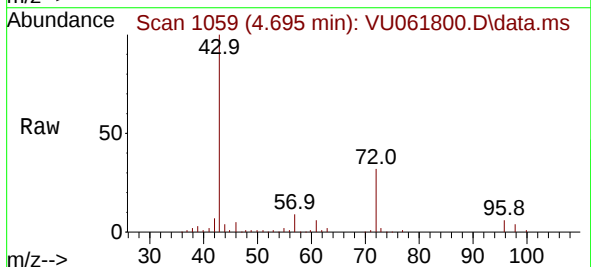


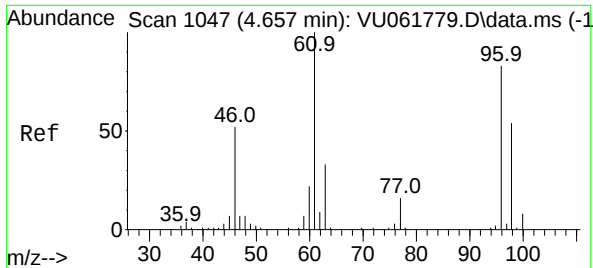
Tgt Ion: 63 Resp: 94447
Ion Ratio Lower Upper
63 100
65 31.7 23.4 43.4
83 14.0 9.6 17.8



#21
2-Butanone
Concen: 48.244 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.013 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 43 Resp: 117535
Ion Ratio Lower Upper
43 100
72 31.1 15.8 47.3

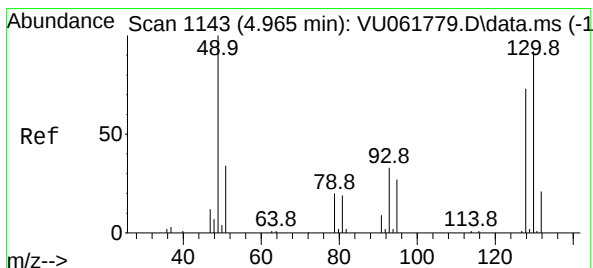
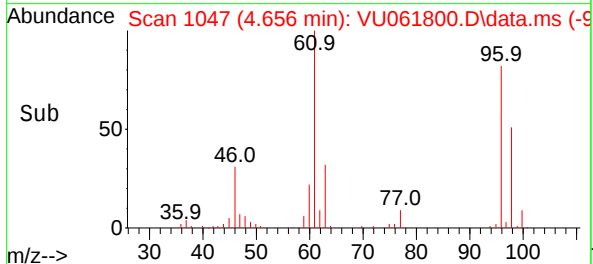
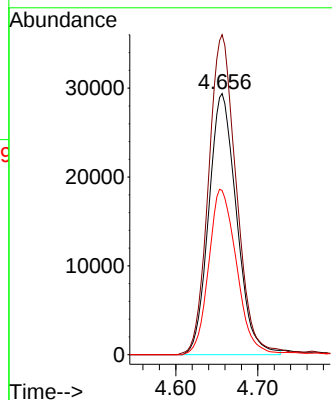
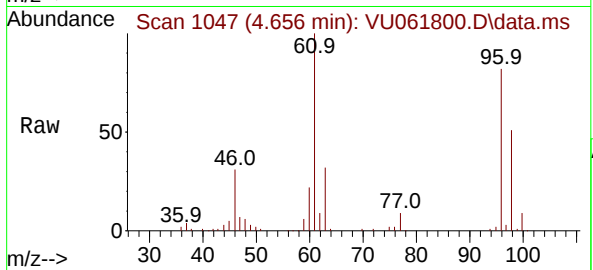




#22
cis-1,2-Dichloroethene
Concen: 5.372 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

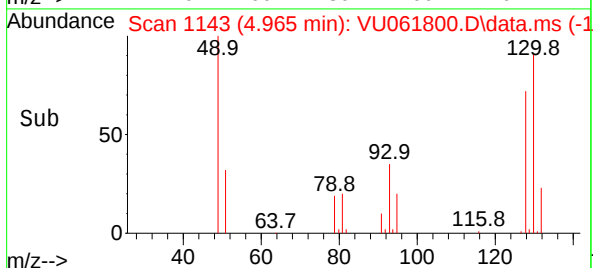
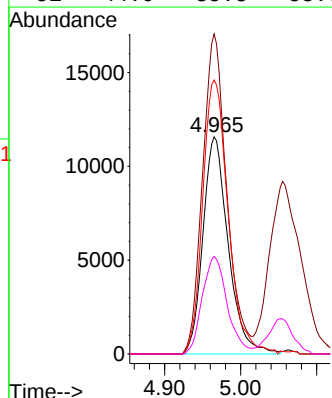
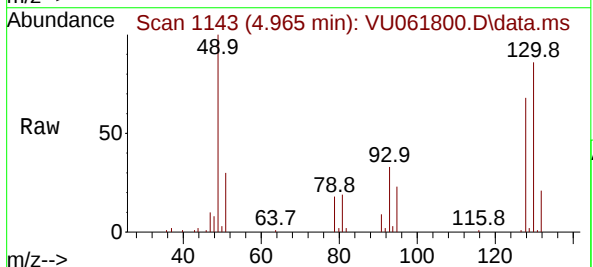
Instrument :
MSVOA_U
ClientSampleId :

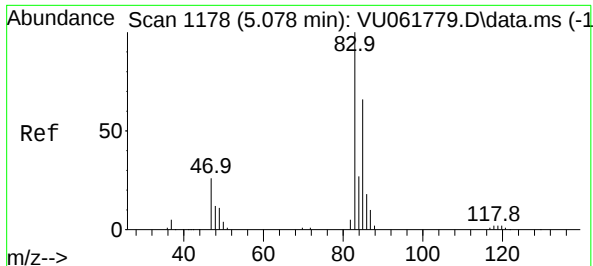
Tgt Ion: 96 Resp: 69258
Ion Ratio Lower Upper
96 100
61 122.5 85.6 159.0
98 62.9 45.6 84.8



#23
Bromochloromethane
Concen: 4.660 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:128 Resp: 26684
Ion Ratio Lower Upper
128 100
49 147.4 99.1 184.1
130 126.2 88.6 164.6
51 44.9 35.8 53.6





#25

Chloroform

Concen: 4.904 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

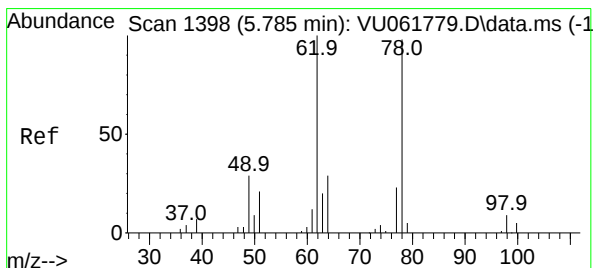
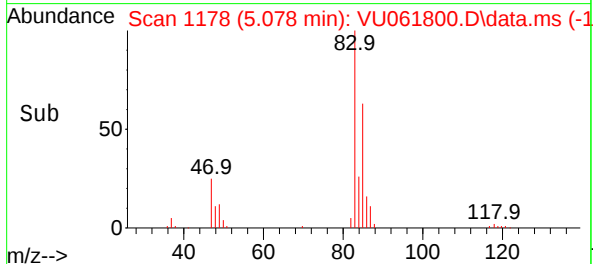
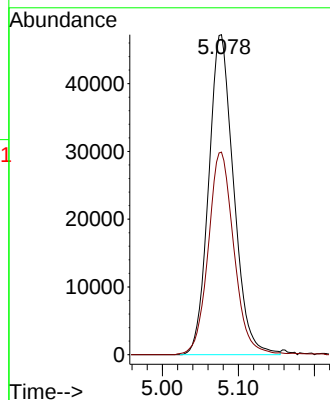
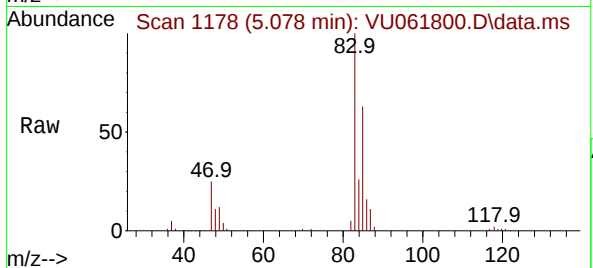
ClientSampleId :

Tgt Ion: 83 Resp: 107731

Ion Ratio Lower Upper

83 100

85 63.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.700 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061800.D

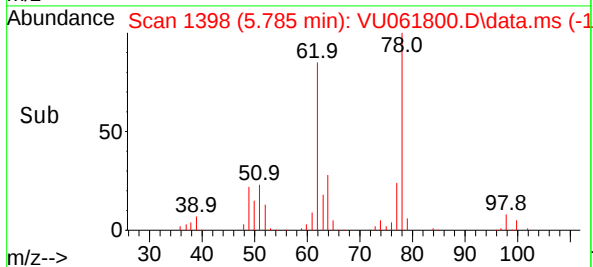
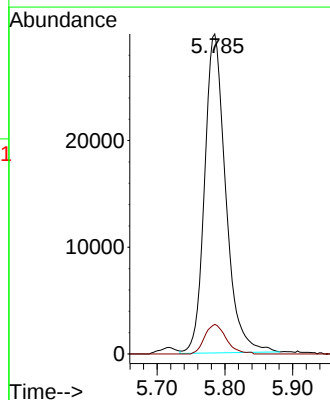
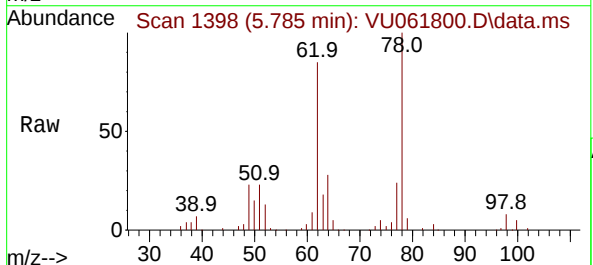
Acq: 17 Nov 2024 21:41

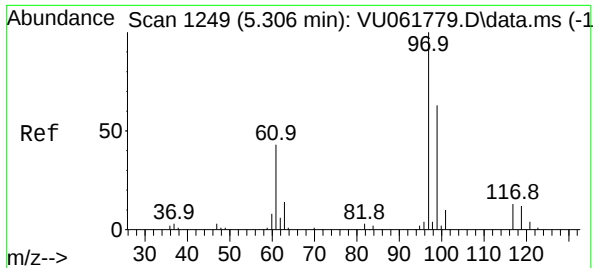
Tgt Ion: 62 Resp: 64787

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5

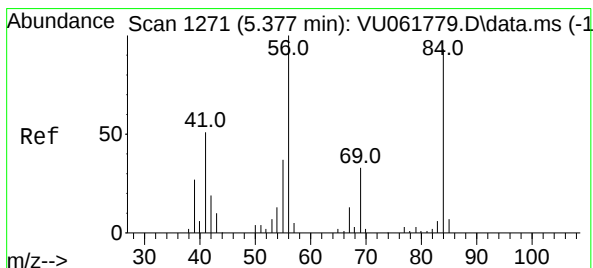
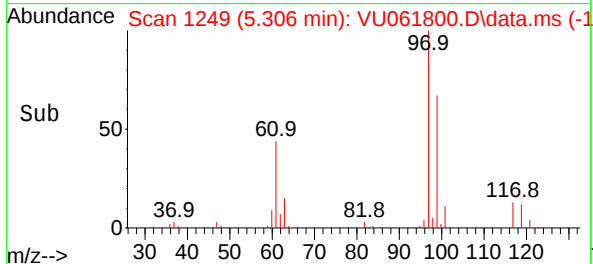
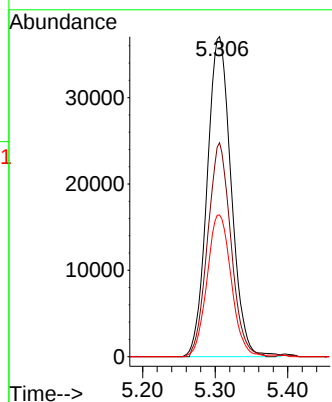
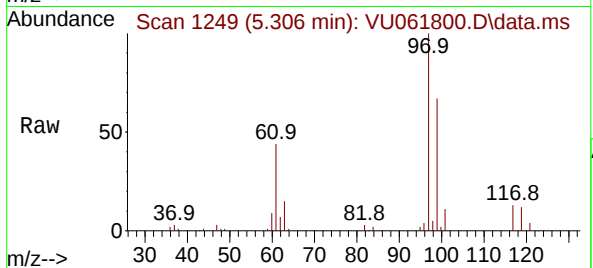




#29
1,1,1-Trichloroethane
Concen: 4.476 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

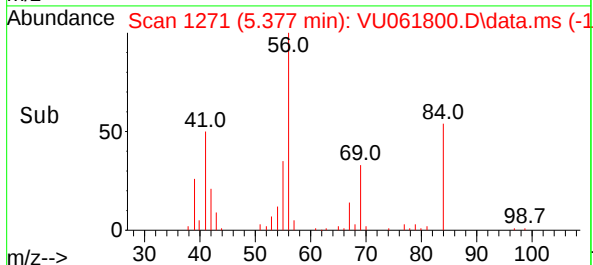
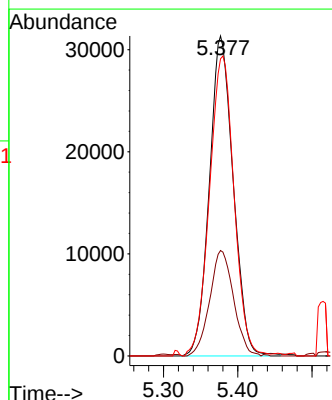
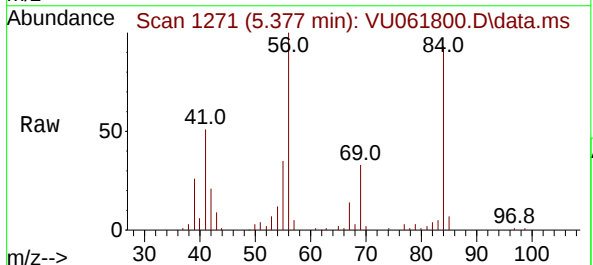
Instrument :
MSVOA_U
ClientSampleId :

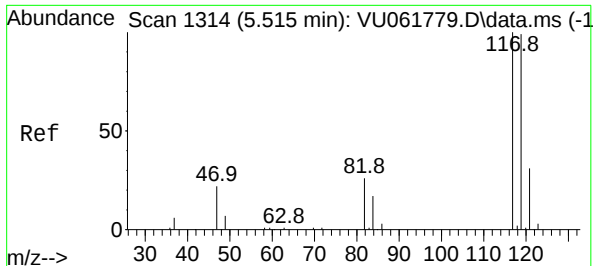
Tgt Ion: 97	Resp: 85316
Ion Ratio	Lower Upper
97 100	
99 64.6	51.7 77.5
61 44.5	35.4 53.0



#30
Cyclohexane
Concen: 3.668 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 56	Resp: 69837
Ion Ratio	Lower Upper
56 100	
69 33.0	25.6 38.4
84 96.4	74.3 111.5

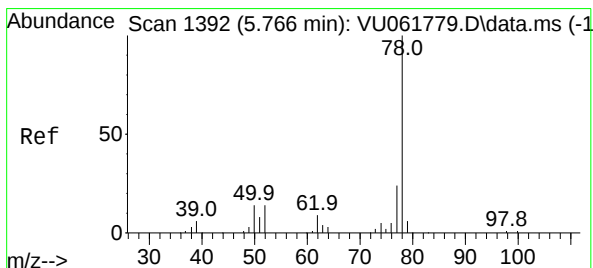
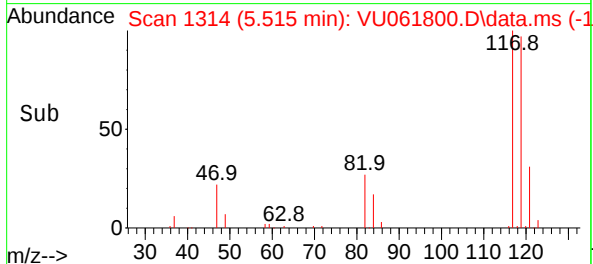
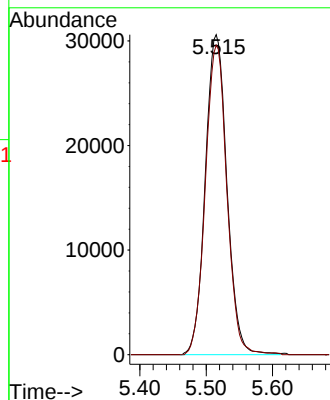
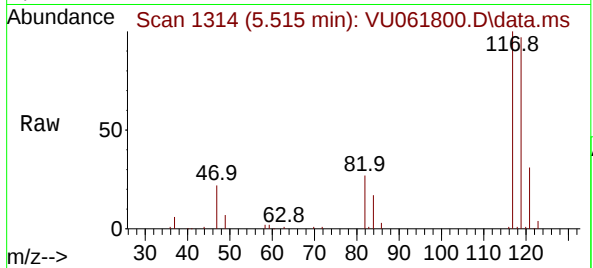




#31
Carbon tetrachloride
Concen: 4.283 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

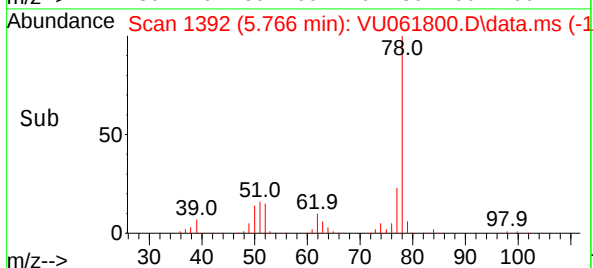
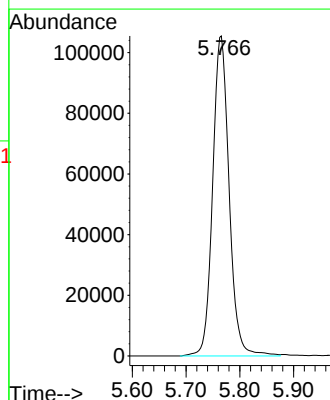
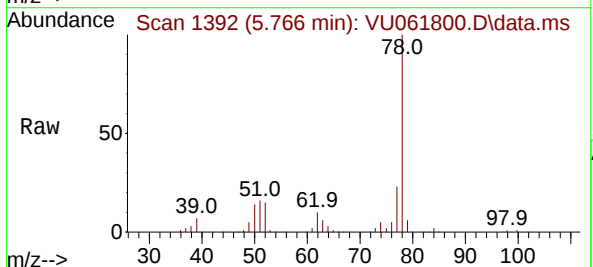
Instrument :
MSVOA_U
ClientSampleId :

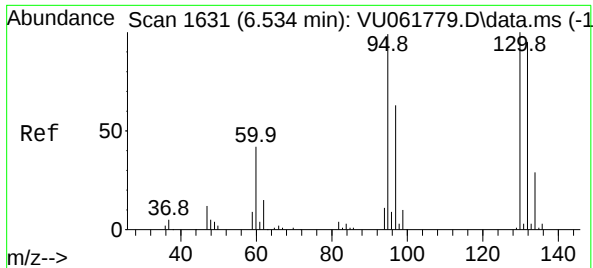
Tgt Ion:117 Resp: 69527
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 4.426 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 78 Resp: 224342

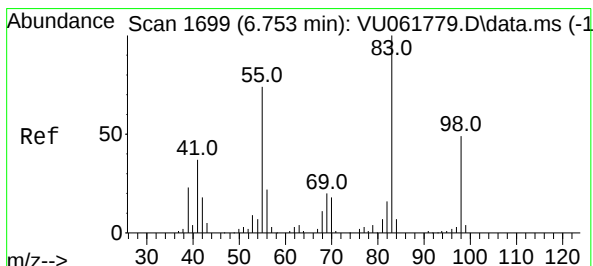
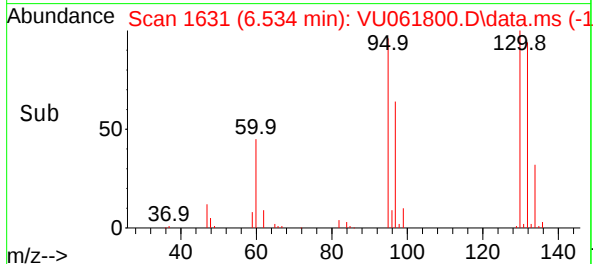
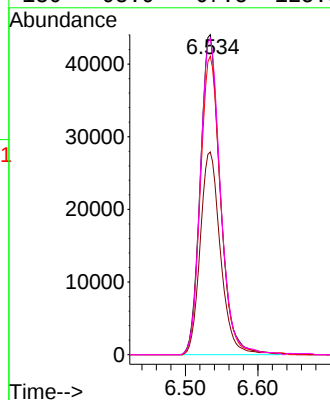
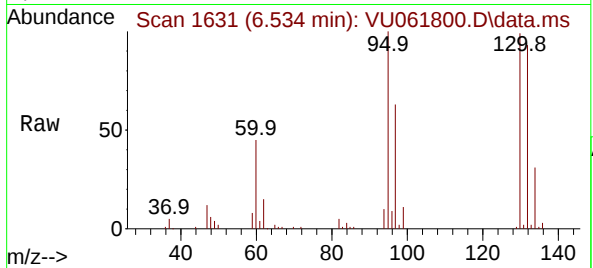




#34
Trichloroethene
Concen: 6.156 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

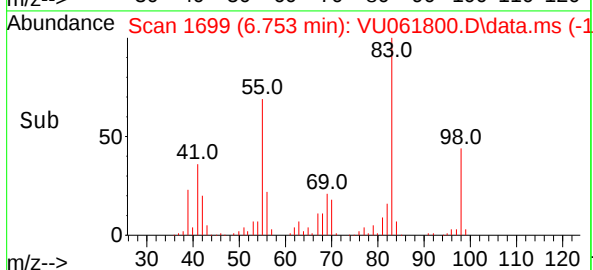
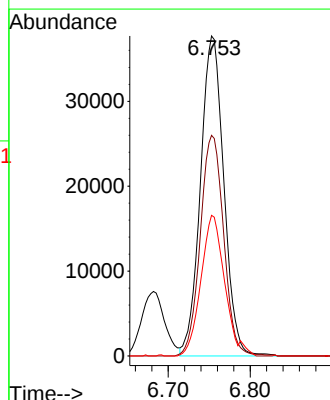
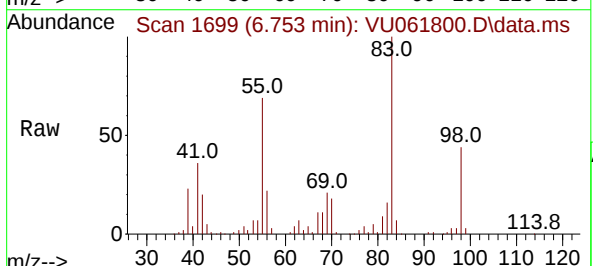
Instrument :
MSVOA_U
ClientSampleId :

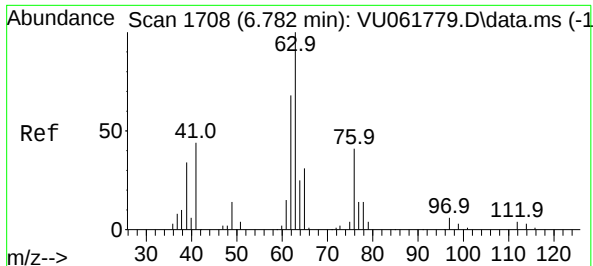
Tgt Ion: 95 Resp: 84260
Ion Ratio Lower Upper
95 100
97 63.4 43.5 80.9
132 93.3 65.2 121.0
130 98.9 67.5 125.3



#35
Methylcyclohexane
Concen: 3.625 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 83 Resp: 74824
Ion Ratio Lower Upper
83 100
55 68.8 56.4 84.6
98 44.6 37.7 56.5

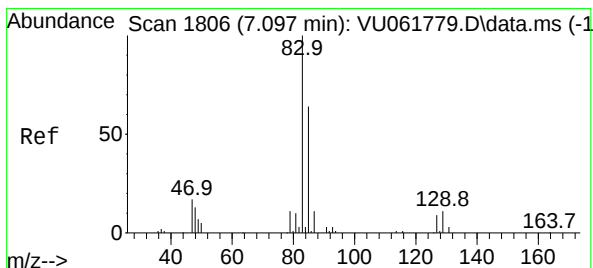
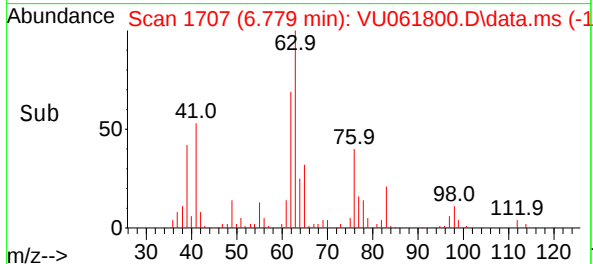
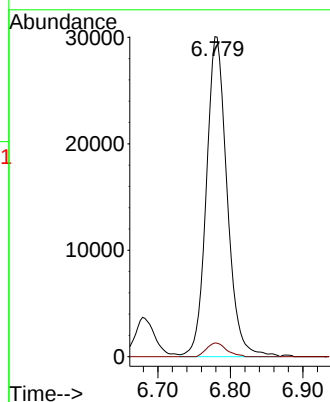
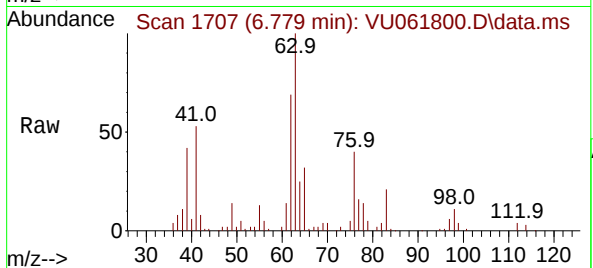




#37
1,2-Dichloropropane
Concen: 4.643 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

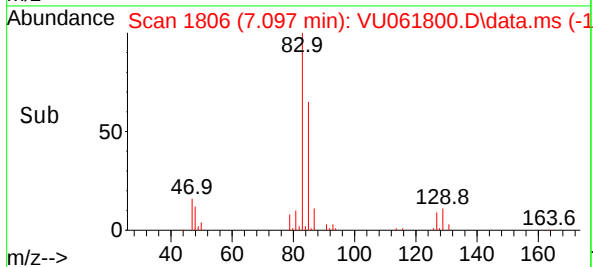
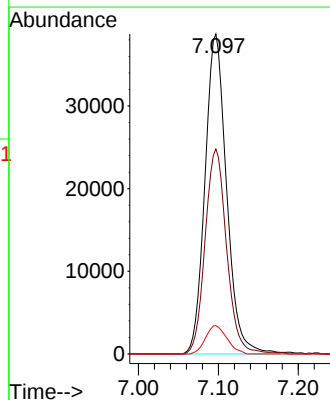
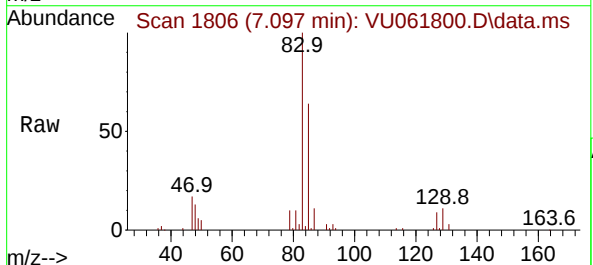
Instrument :
MSVOA_U
ClientSampleId :

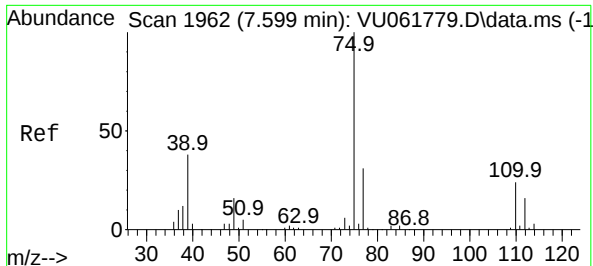
Tgt Ion: 63 Resp: 59708
Ion Ratio Lower Upper
63 100
112 4.1 3.0 4.4



#38
Bromodichloromethane
Concen: 4.717 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 83 Resp: 72779
Ion Ratio Lower Upper
83 100
85 64.0 45.0 83.6
127 8.9 6.9 10.3

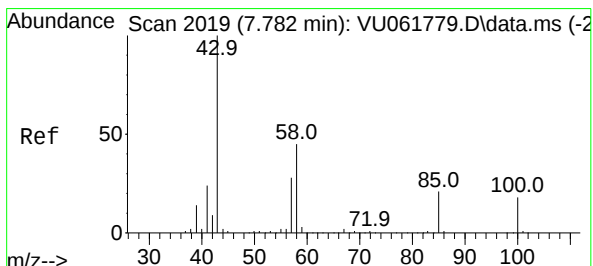
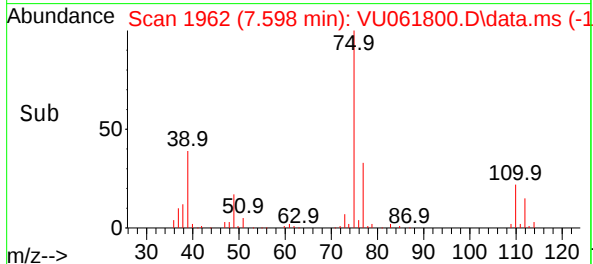
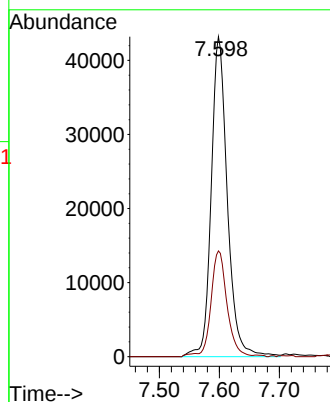
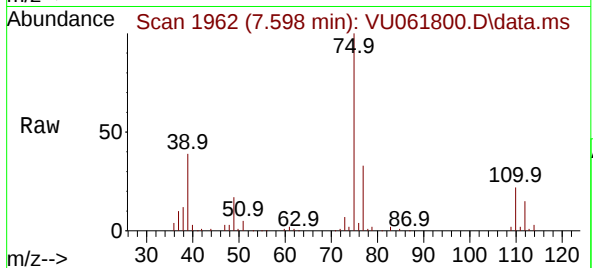




#39
 cis-1,3-Dichloropropene
 Concen: 4.414 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

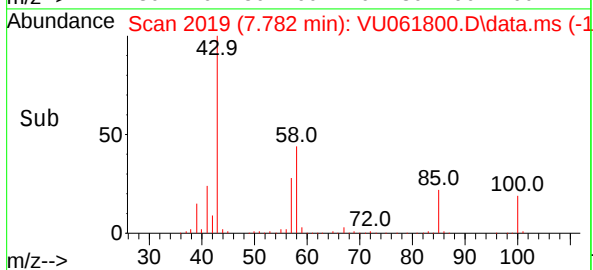
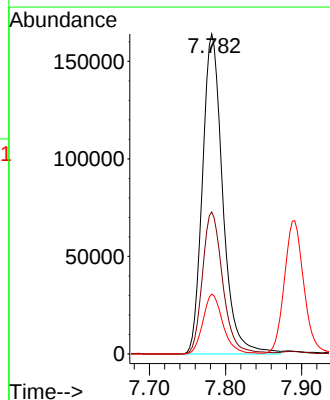
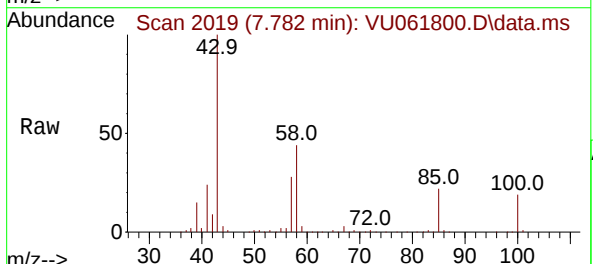
Instrument :
 MSVOA_U
 ClientSampleId :

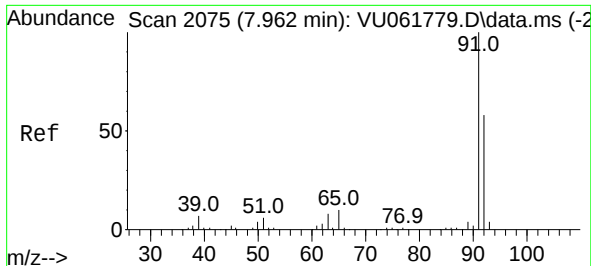
Tgt Ion: 75 Resp: 80782
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 49.279 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061800.D
 Acq: 17 Nov 2024 21:41

Tgt Ion: 43 Resp: 303852
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.7 53.5
 100 18.5 14.2 21.2





#42

Toluene

Concen: 4.402 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

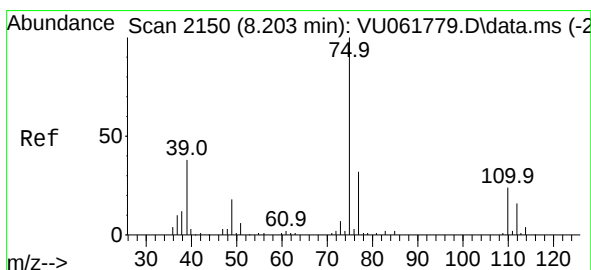
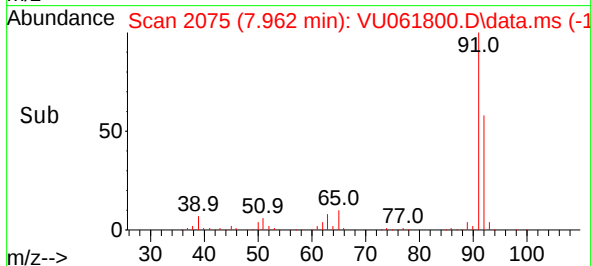
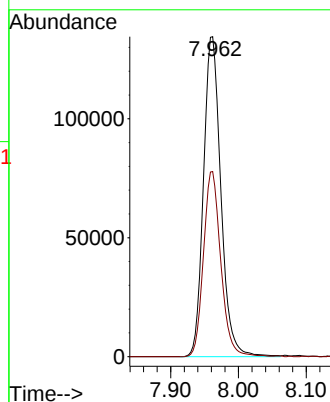
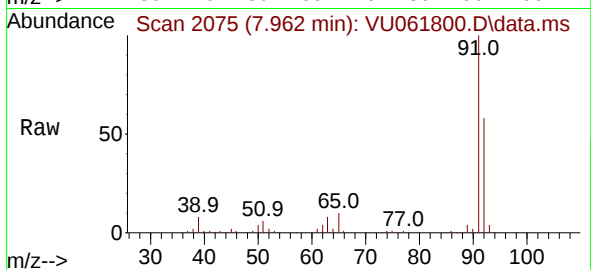
ClientSampleId :

Tgt Ion: 91 Resp: 240241

Ion Ratio Lower Upper

91 100

92 57.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.399 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061800.D

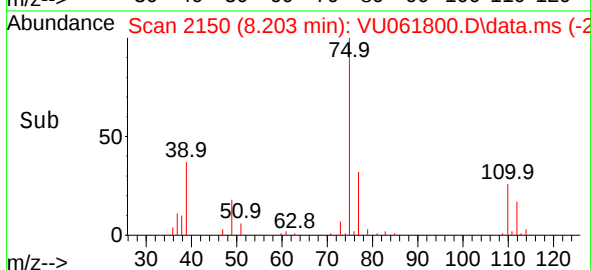
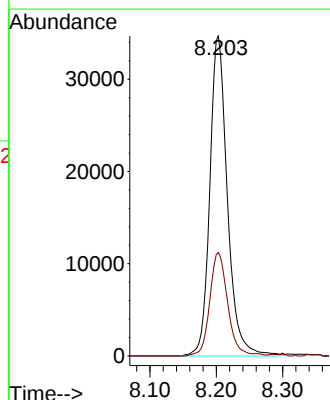
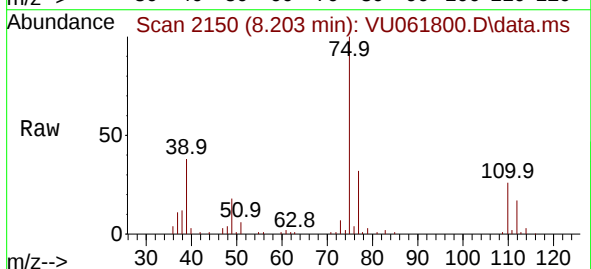
Acq: 17 Nov 2024 21:41

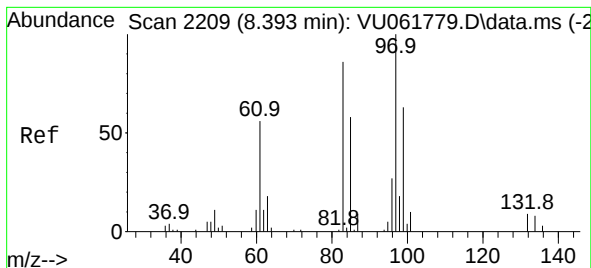
Tgt Ion: 75 Resp: 63861

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 4.975 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 46638

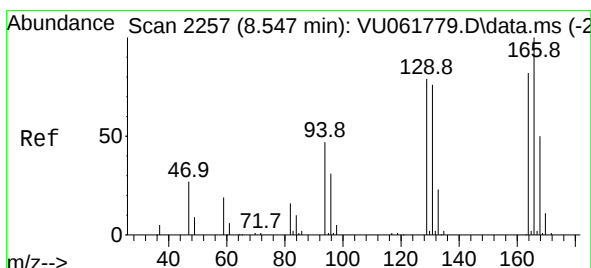
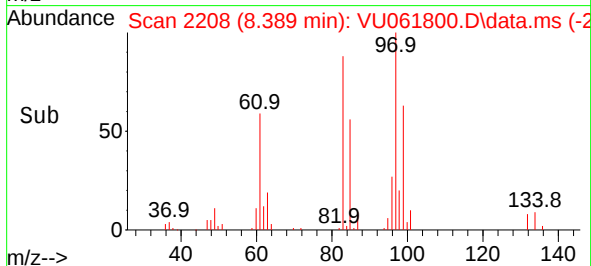
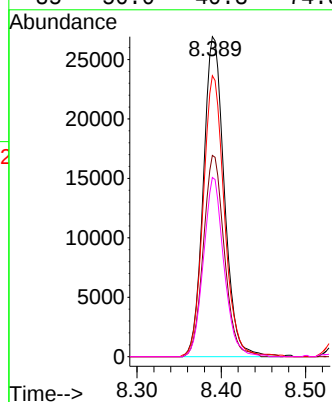
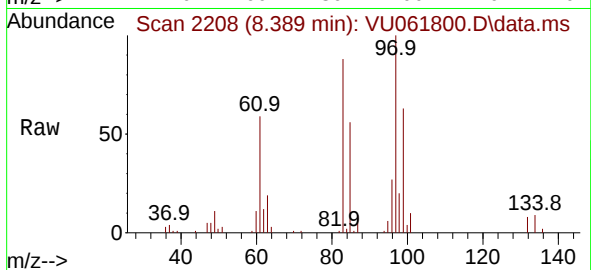
Ion Ratio Lower Upper

97 100

99 62.9 43.8 81.3

83 87.8 63.2 117.4

85 56.0 40.3 74.8



#47

Tetrachloroethene

Concen: 23.578 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Tgt Ion:164 Resp: 242497

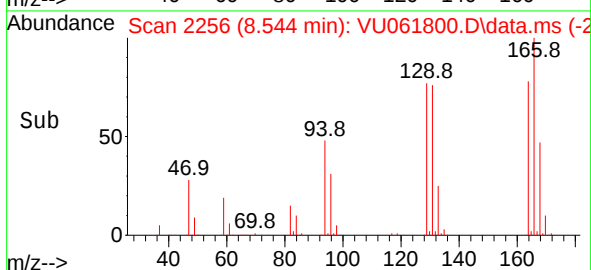
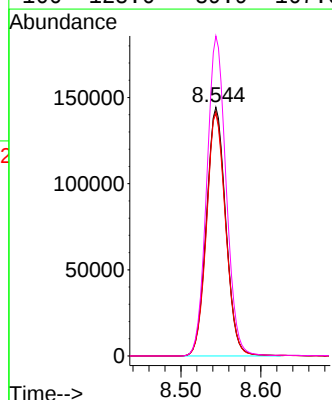
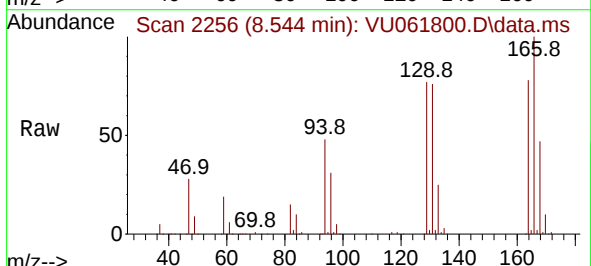
Ion Ratio Lower Upper

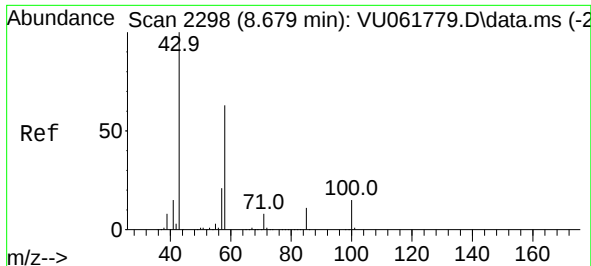
164 100

129 98.4 71.7 133.3

131 97.4 68.2 126.6

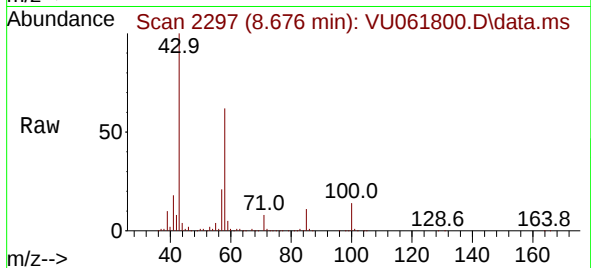
166 128.6 89.9 167.0



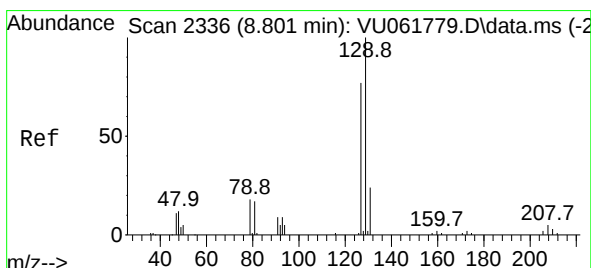
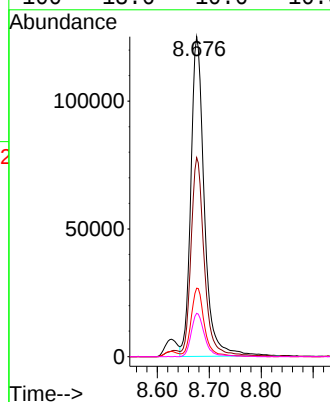
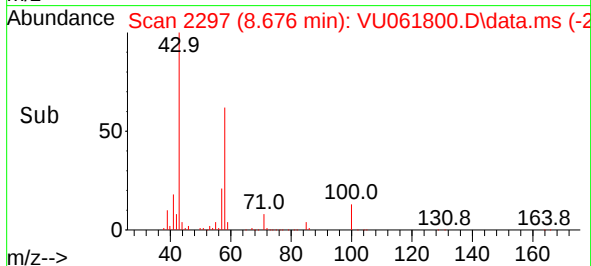


#48
2-Hexanone
Concen: 51.103 ug/L
RT: 8.676 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Instrument :
MSVOA_U
ClientSampleId :

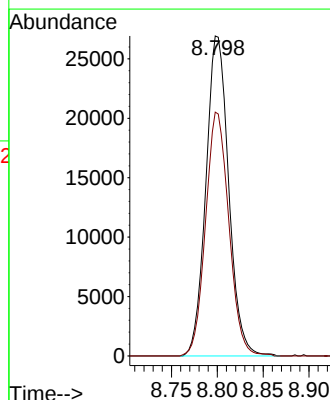
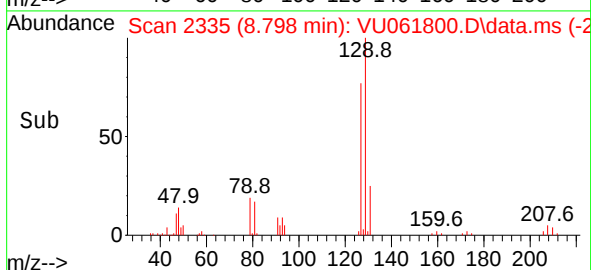
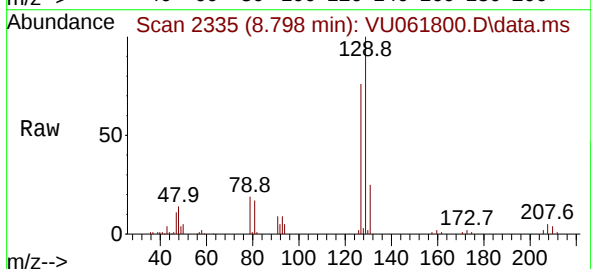


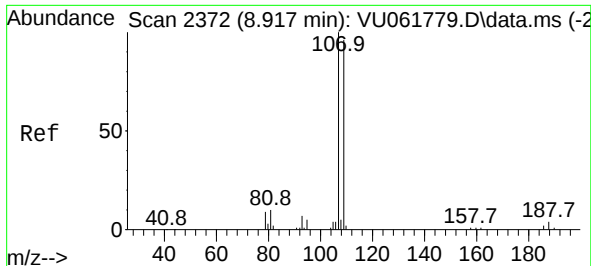
Tgt Ion: 43 Resp: 225300
Ion Ratio Lower Upper
43 100
58 60.8 49.4 74.2
57 20.8 16.3 24.5
100 13.6 10.6 16.0



#49
Dibromochloromethane
Concen: 4.740 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion: 129 Resp: 46590
Ion Ratio Lower Upper
129 100
127 76.2 55.1 102.3

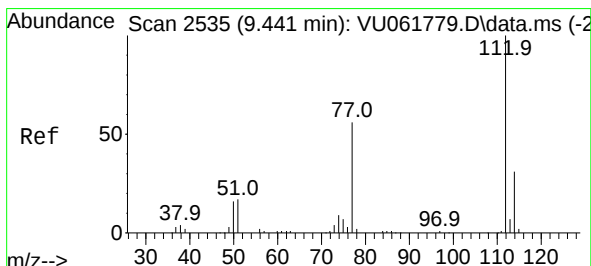
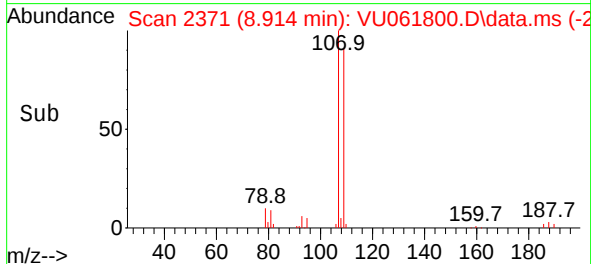
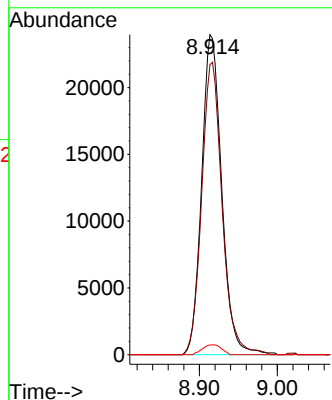
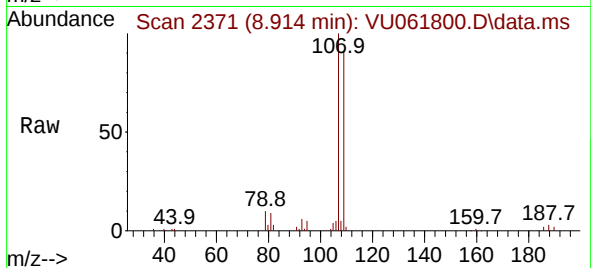




#50
1,2-Dibromoethane
Concen: 4.850 ug/L
RT: 8.914 min Scan# 241
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

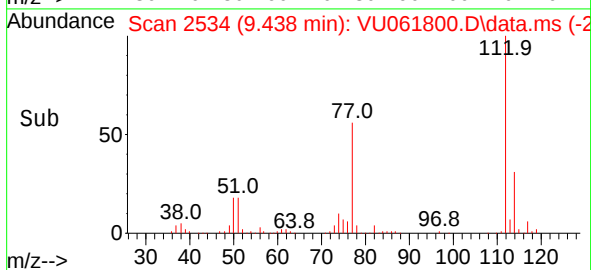
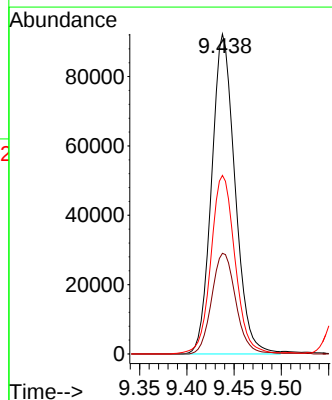
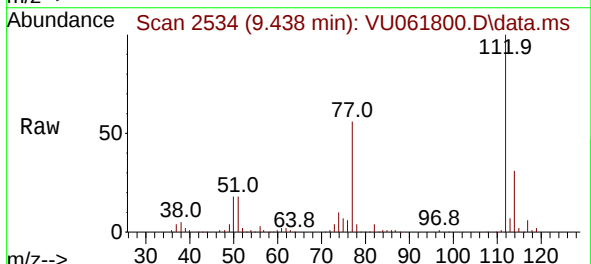
Instrument :
MSVOA_U
ClientSampleId :

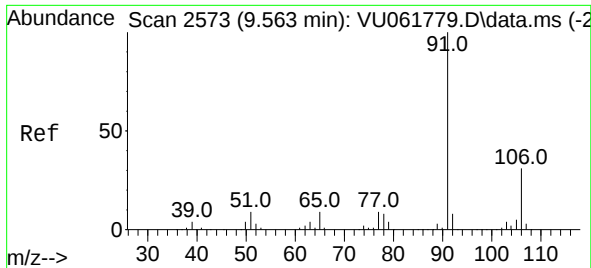
Tgt Ion:107 Resp: 42884
Ion Ratio Lower Upper
107 100
109 90.6 64.8 120.4
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 4.527 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:112 Resp: 159035
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 55.8 45.3 67.9

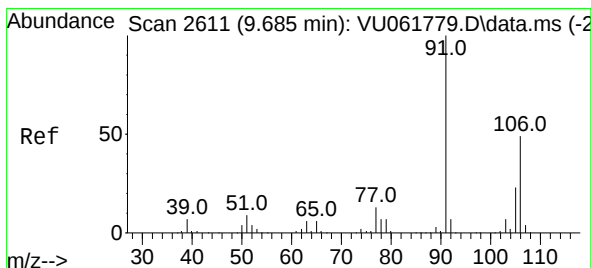
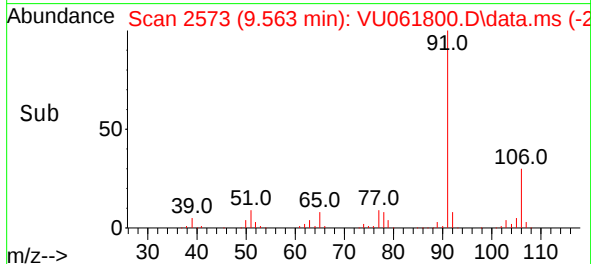
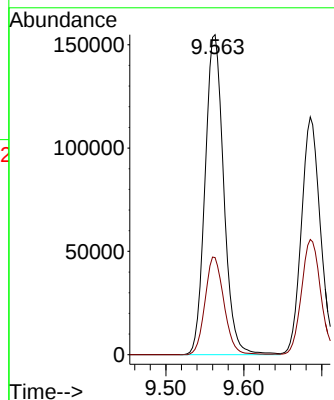
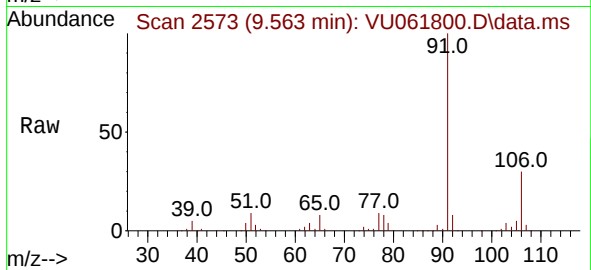




#52
Ethylbenzene
Concen: 4.426 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

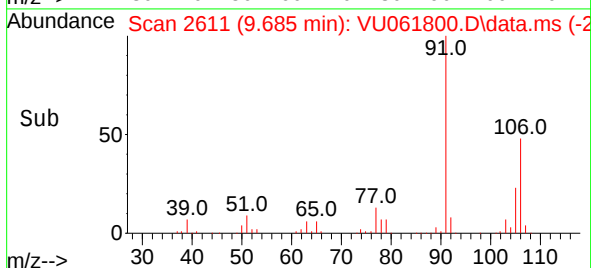
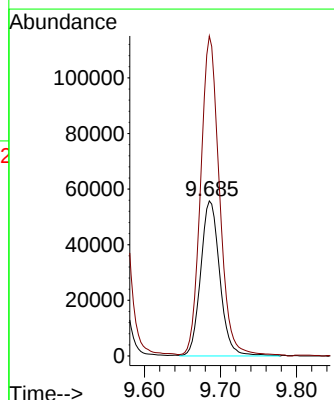
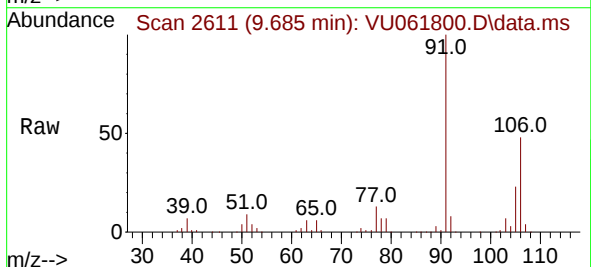
Instrument :
MSVOA_U
ClientSampleId :

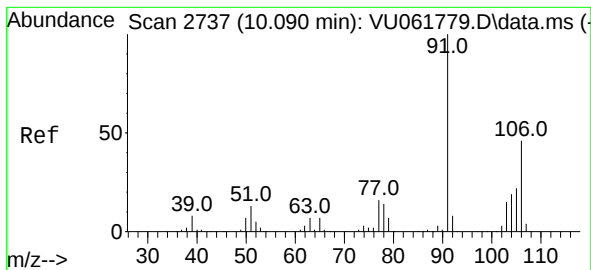
Tgt Ion: 91 Resp: 257308
Ion Ratio Lower Upper
91 100
106 30.3 21.7 40.3



#53
m,p-Xylene
Concen: 4.381 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:106 Resp: 97454
Ion Ratio Lower Upper
106 100
91 206.3 140.4 260.8





#54

o-Xylene

Concen: 4.515 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

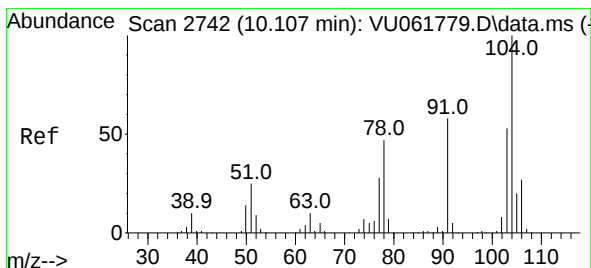
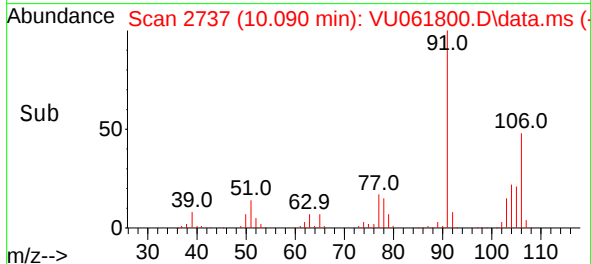
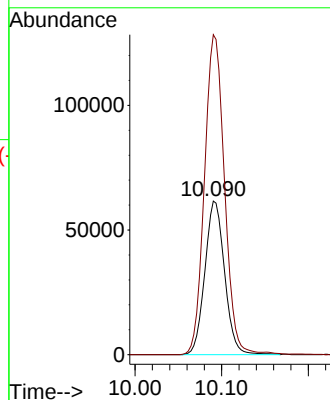
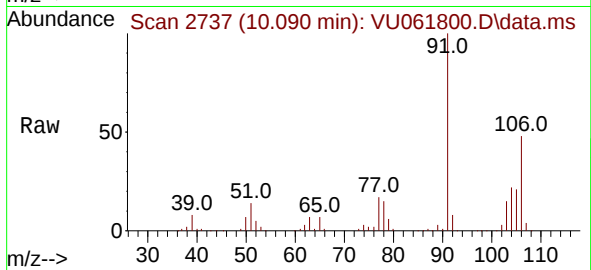
ClientSampleId :

Tgt Ion:106 Resp: 97626

Ion Ratio Lower Upper

106 100

91 208.3 151.3 280.9



#55

Styrene

Concen: 4.582 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061800.D

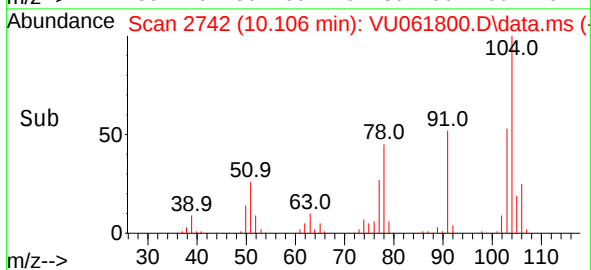
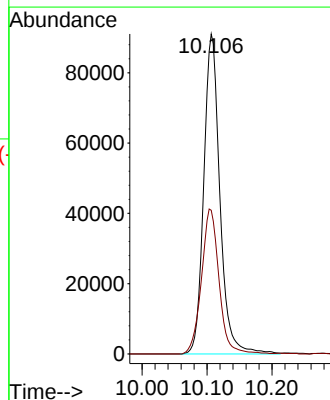
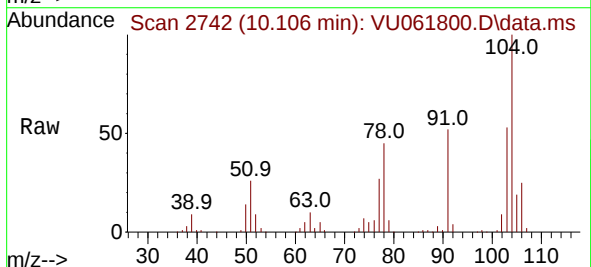
Acq: 17 Nov 2024 21:41

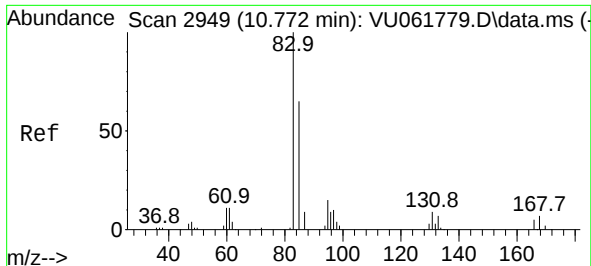
Tgt Ion:104 Resp: 157736

Ion Ratio Lower Upper

104 100

78 44.9 31.6 58.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.967 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

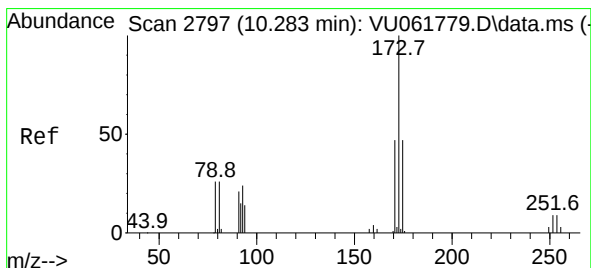
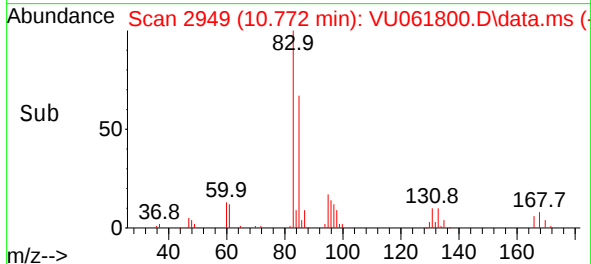
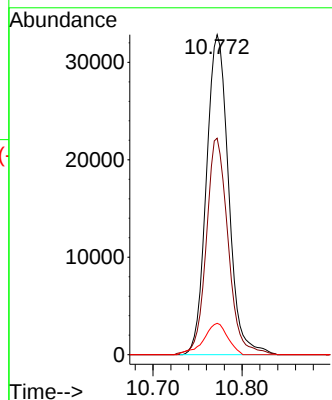
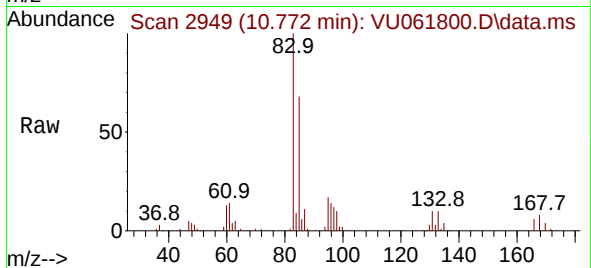
Tgt Ion: 83 Resp: 56661

Ion Ratio Lower Upper

83 100

85 67.6 41.9 77.9

131 9.8 7.8 11.6



#59

Bromoform

Concen: 4.591 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

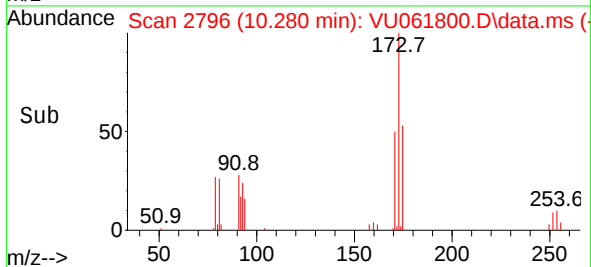
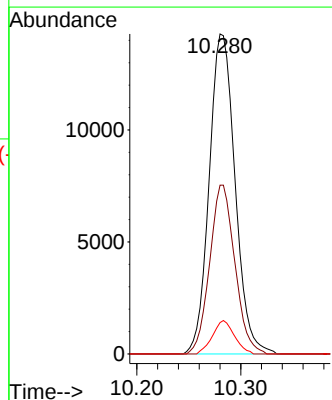
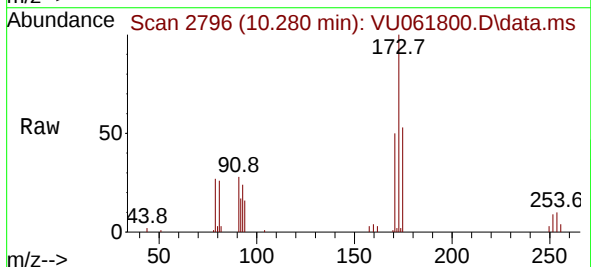
Tgt Ion:173 Resp: 24733

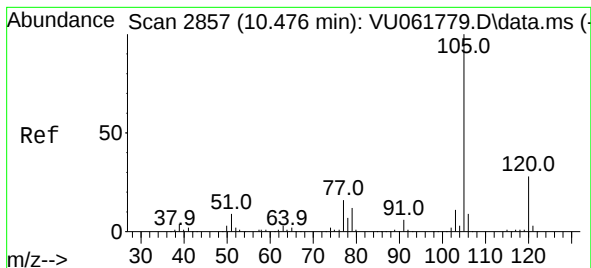
Ion Ratio Lower Upper

173 100

175 51.2 39.3 58.9

254 8.9 7.8 11.8





#60

Isopropylbenzene

Concen: 4.581 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061800.D

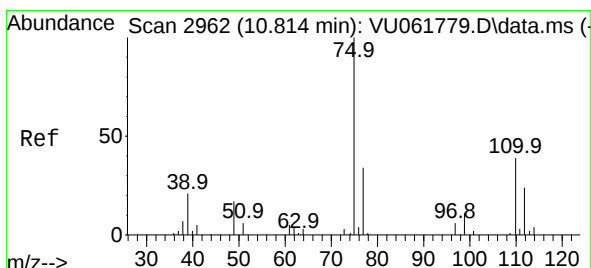
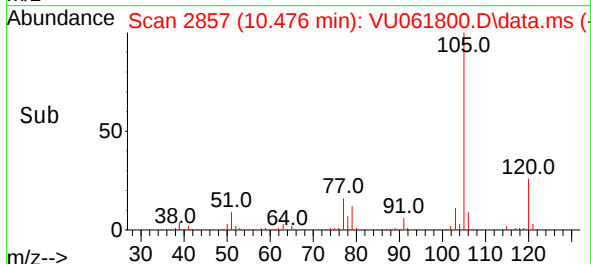
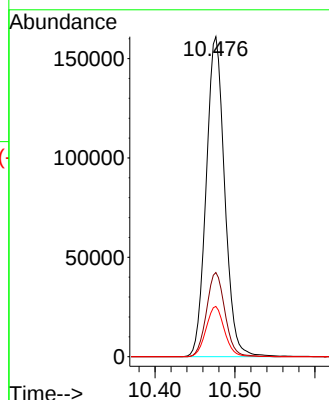
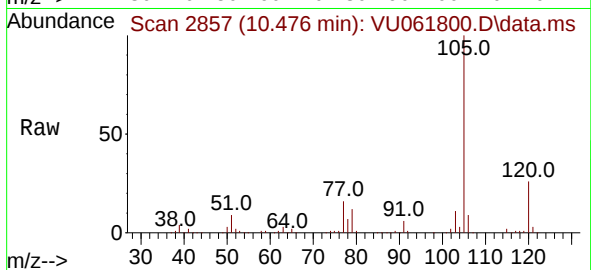
Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	258585
Ion	Ratio	Lower Upper
105	100	
120	26.3	21.6 32.4
77	15.7	12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.122 ug/L

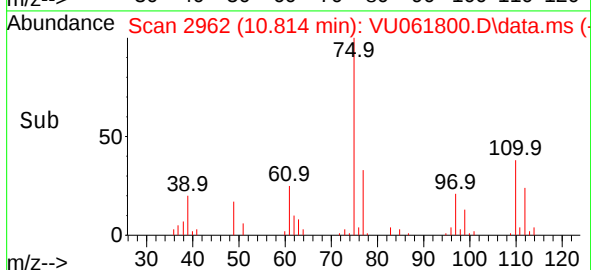
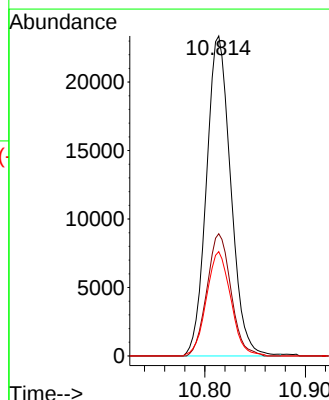
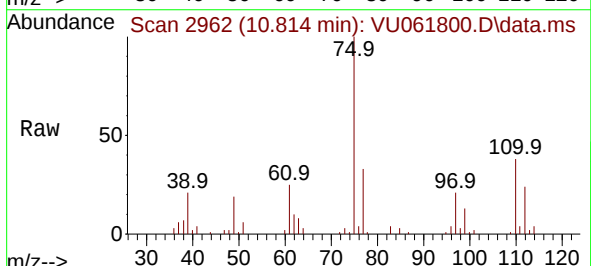
RT: 10.814 min Scan# 2962

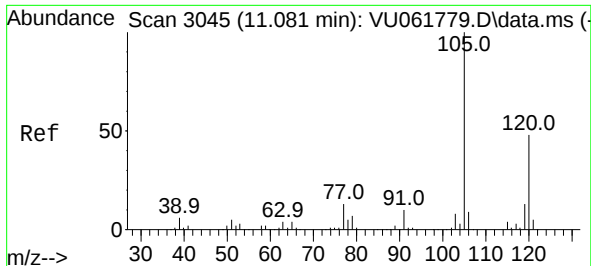
Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Tgt Ion: 75	Resp:	39275
Ion	Ratio	Lower Upper
75	100	
110	37.7	31.3 46.9
77	32.7	26.0 39.0





#62

1,3,5-Trimethylbenzene

Concen: 4.337 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

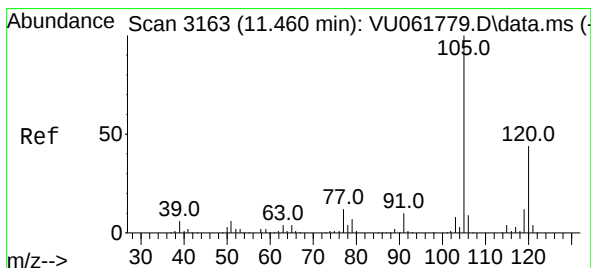
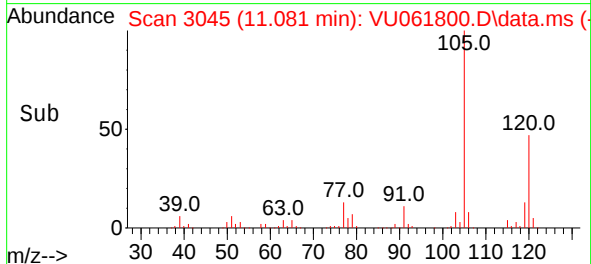
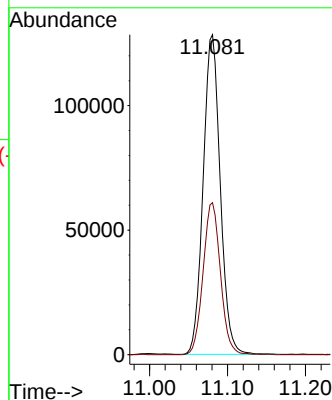
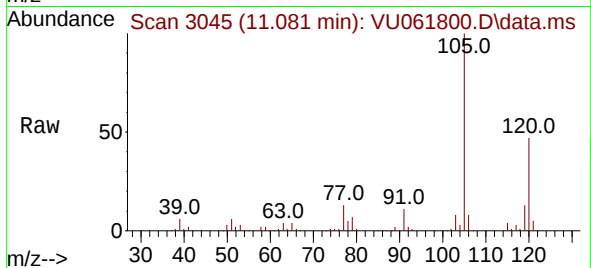
ClientSampleId :

Tgt Ion:105 Resp: 196017

Ion Ratio Lower Upper

105 100

120 48.3 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.518 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061800.D

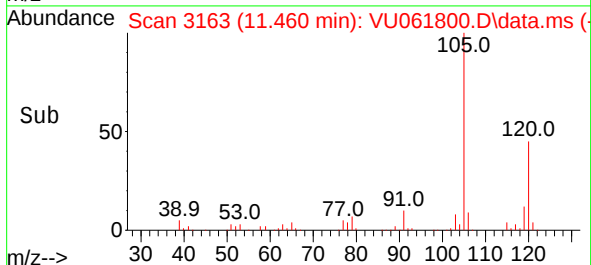
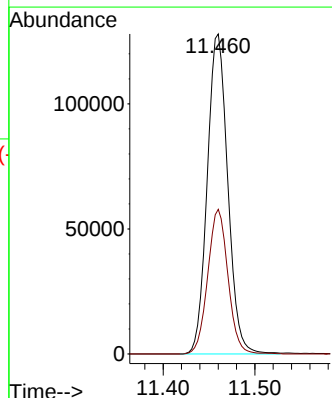
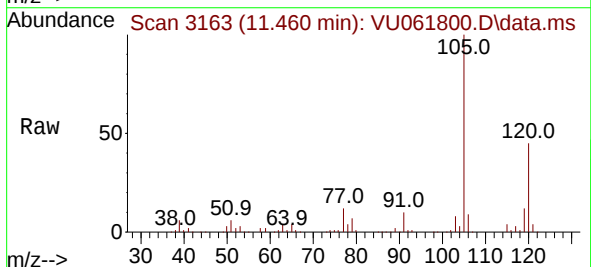
Acq: 17 Nov 2024 21:41

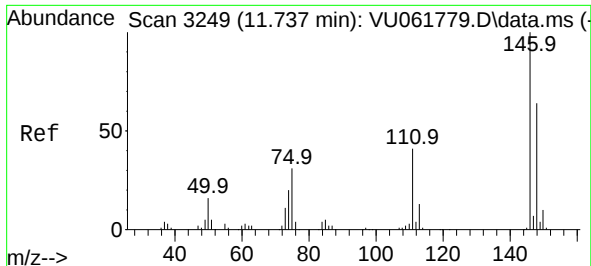
Tgt Ion:105 Resp: 198777

Ion Ratio Lower Upper

105 100

120 44.6 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 4.666 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

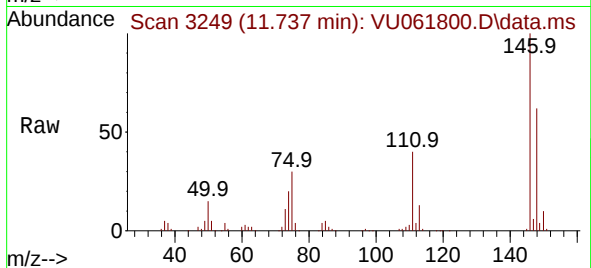
Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :



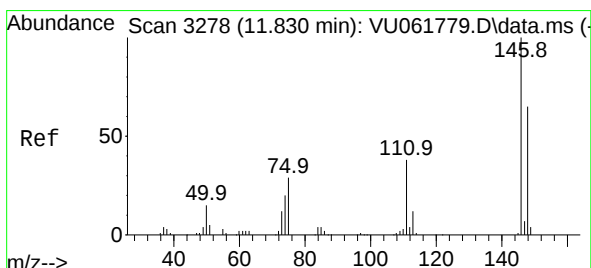
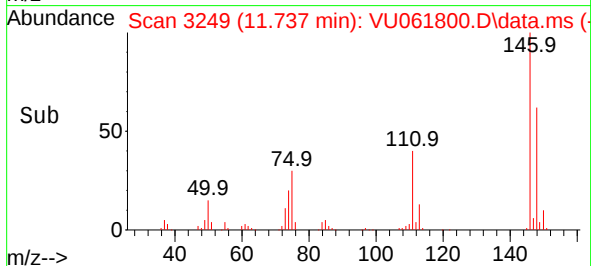
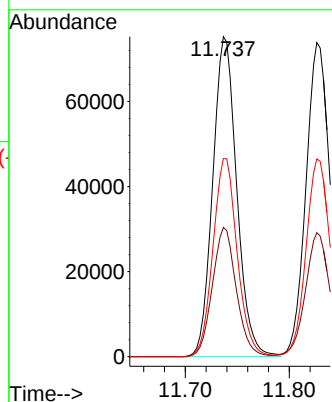
Tgt Ion:146 Resp: 120789

Ion Ratio Lower Upper

146 100

111 40.4 29.3 54.3

148 61.9 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 4.662 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

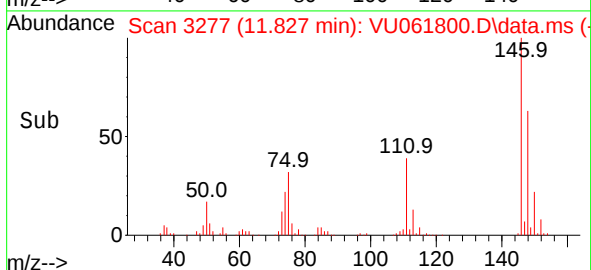
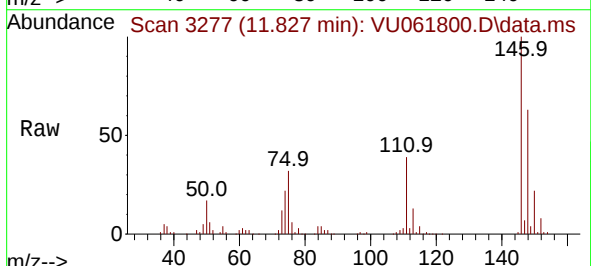
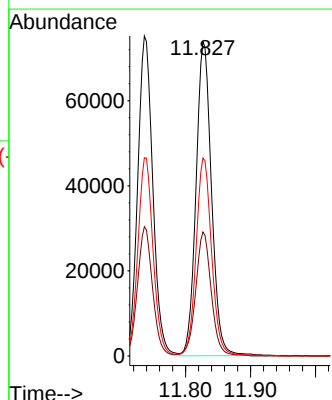
Tgt Ion:146 Resp: 122560

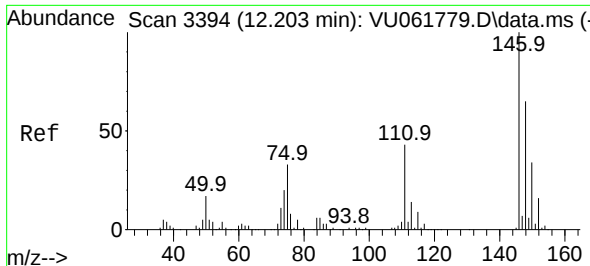
Ion Ratio Lower Upper

146 100

111 39.5 28.8 53.4

148 63.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.772 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :

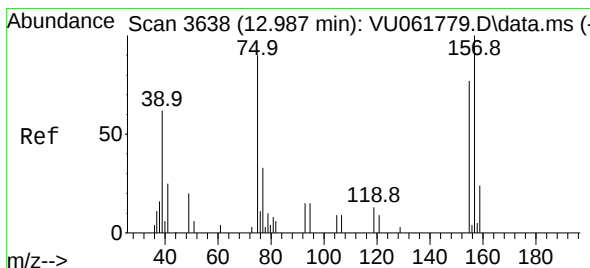
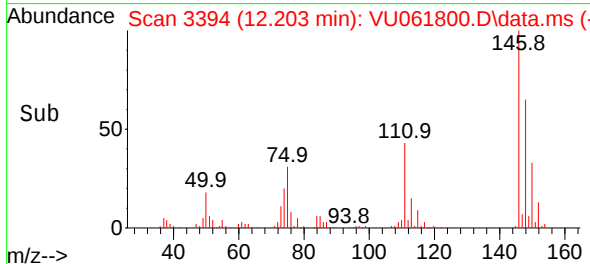
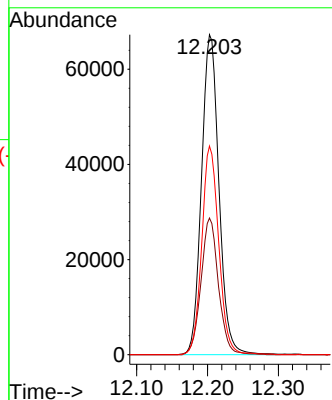
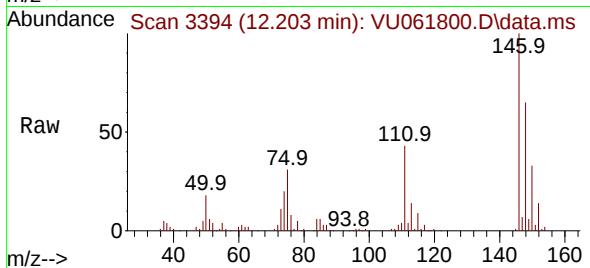
Tgt Ion:146 Resp: 114888

Ion Ratio Lower Upper

146 100

111 42.7 35.2 52.8

148 65.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.262 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

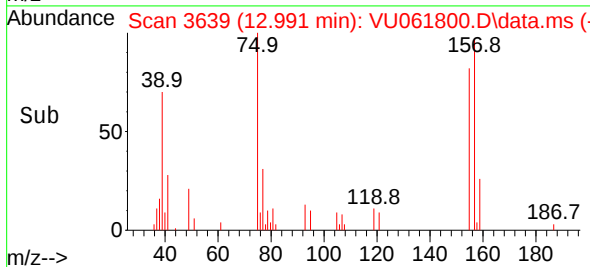
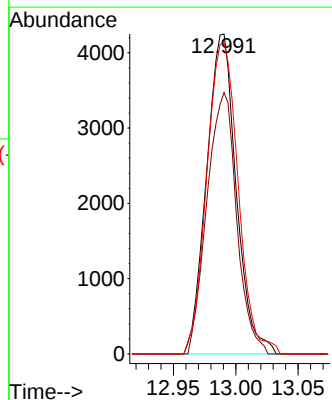
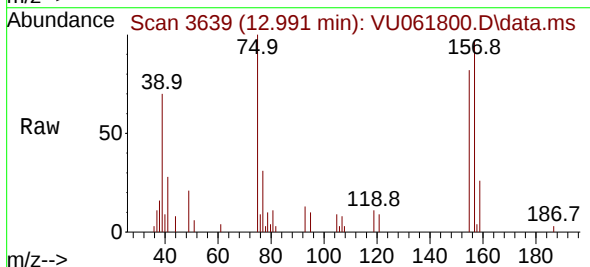
Tgt Ion: 75 Resp: 7045

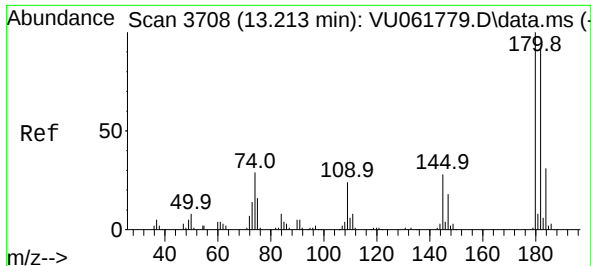
Ion Ratio Lower Upper

75 100

155 81.7 62.6 93.8

157 97.2 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 4.369 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

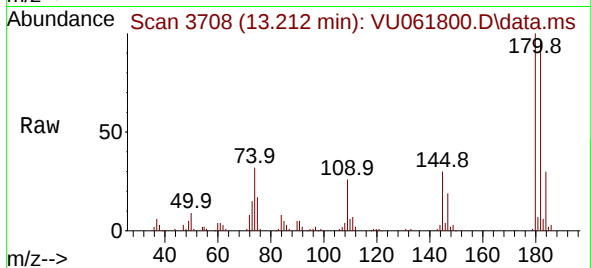
Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 78975

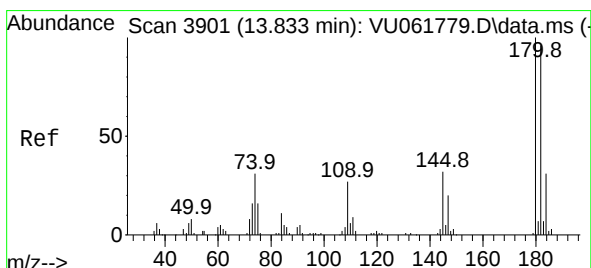
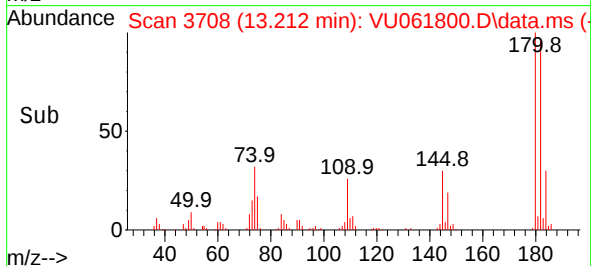
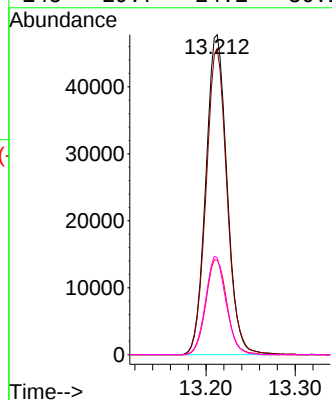
Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

184 29.6 24.7 37.1

145 29.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.632 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061800.D

Acq: 17 Nov 2024 21:41

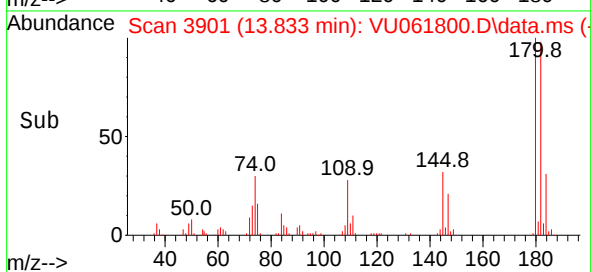
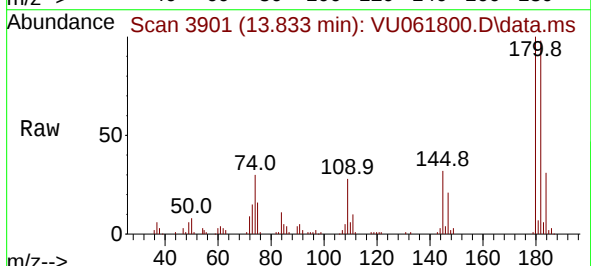
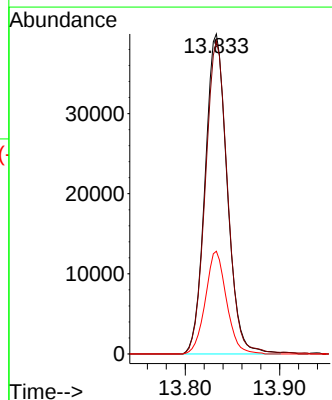
Tgt Ion:180 Resp: 64885

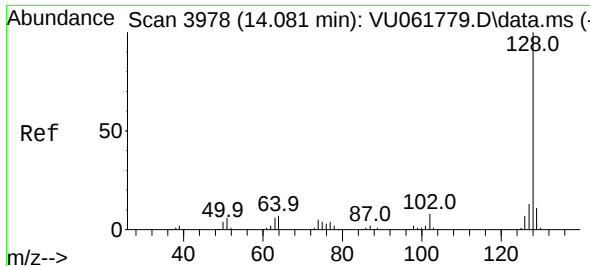
Ion Ratio Lower Upper

180 100

182 98.2 77.4 116.0

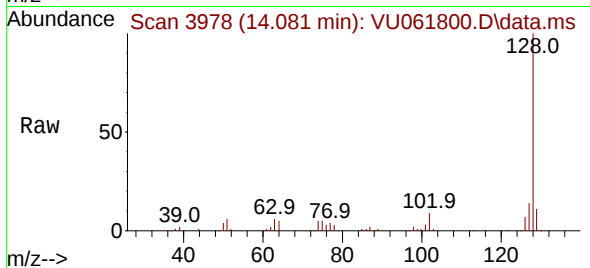
145 30.7 24.5 36.7



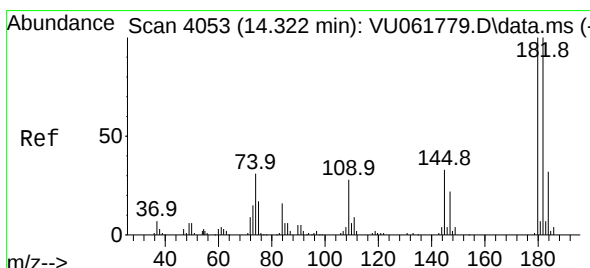
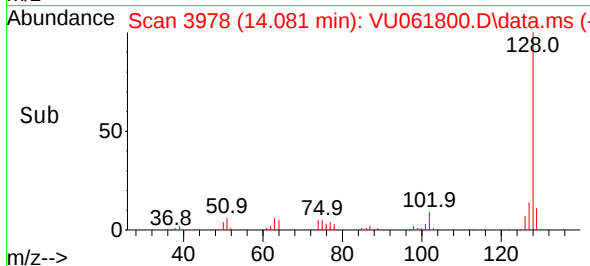
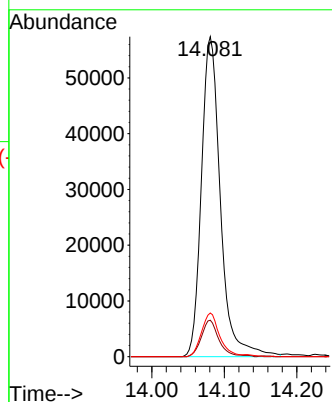


#71
Naphthalene
Concen: 5.206 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 104708
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.063 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061800.D
Acq: 17 Nov 2024 21:41

Tgt Ion:180 Resp: 59542
Ion Ratio Lower Upper
180 100
182 94.7 76.6 114.8
145 31.9 26.3 39.5

